VDOİHİ

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

Cilt 2.3.3.3.10.1.1.781

İsmail YILMAZ

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Matematik / İstatistik / Olasılık

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VDOİHİ Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı tek kalan düzgün olmayan simetrik olasılık Cilt 2.3.3.3.10.1.1.781

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<u>KÜTÜPHANE BİLGİLERİ</u>

Yılmaz, İsmail.

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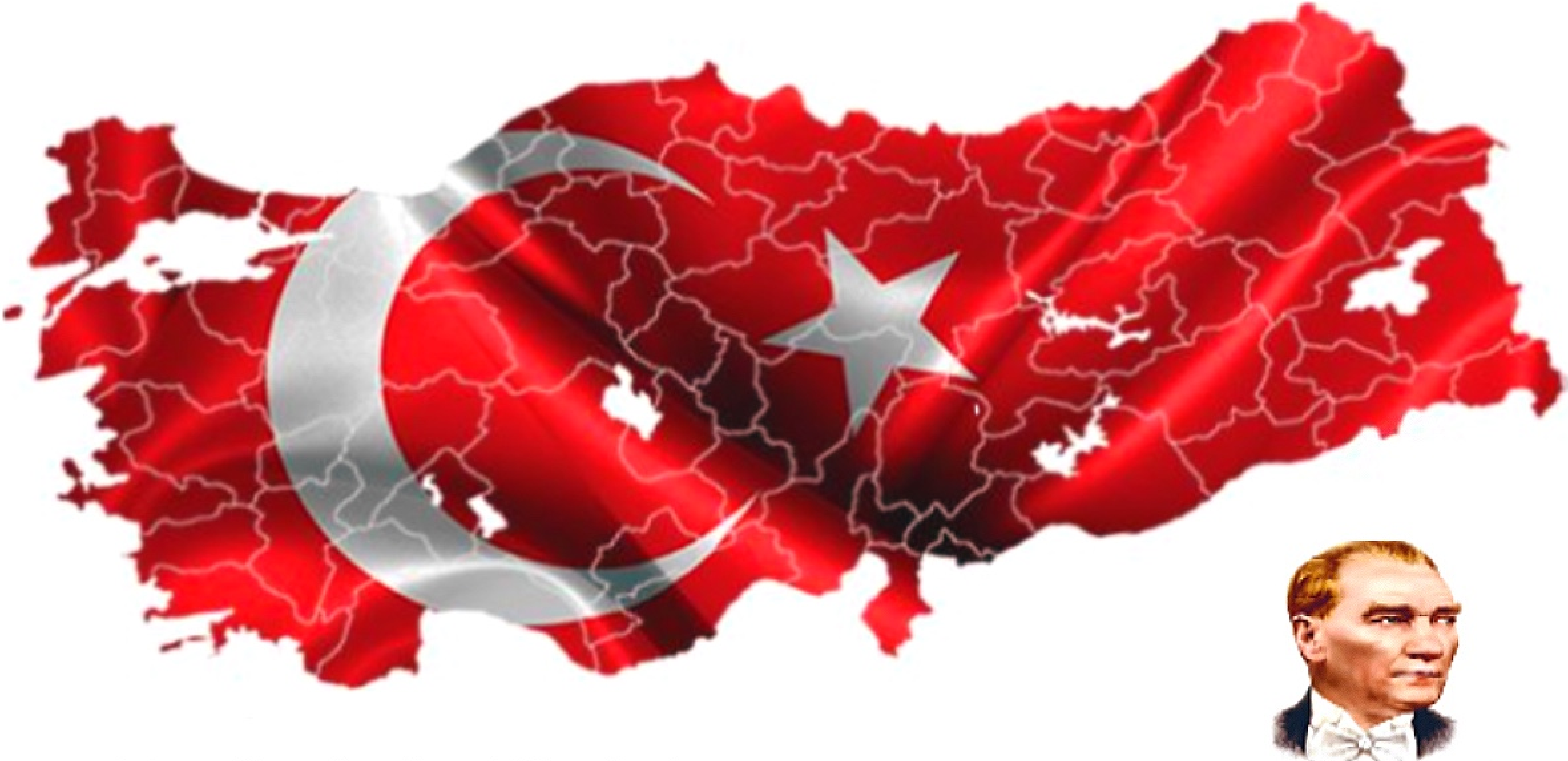
1. Bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı tek kalan düzgün olmayan simetrik olasılık

Dili: Türkçe + Matematik Mantık



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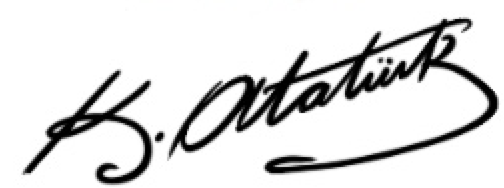

DÜZELTME

Bu cilt için

$_{fz}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i}$

simgesi yerine

$_{fz}S^{DOST}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i}$

simgesi olmalı.

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

İÇİNDEKİLER

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

$\mathbb{I}$: 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

${}_{i}\boldsymbol{l}$: 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}: $\mathrm{j_{ik}}$'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}: $\mathrm{j_{sa}}$'da bulunan durumun bağımlı olasılıklı dağılımda bulunduğu olayın son olaydan itibaren sırası

D: bağımlı durum sayısı

D_i: olayın durum sayısı

s: simetrinin bağımlı durum sayısı

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

m: olasılık

M: olasılık dağılım sayısı

U: uyum eşitliği

u: uyum derecesi

s_i: olasılık dağılımı

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

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

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

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

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

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

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

${}_{fz}S_{j^{sa},0}^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin durumuna bağlı tek kalan simetrik olasılık

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

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${}_{fz}S^{DOST}_{j_i,0}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre tek kalan 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 oluşturulabilecek dağılımlara ve bağımlı olasılıklı dağılımların kendi olay sayısından (bağımlı olay sayısı) büyük olaylara (bağımsız olay sayısı) dağılımıyla bağımlı ve bir bağımsız olasılık dağılımlar elde edilir. Bağımlı dağılım farklı dizilimsiz dağılımda oluştuğunda, bu dağılımlara bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlar denir. Bağımlı ve bir bağımsız olasılıklı dağılımlar; bağımlı dağılımlara, bağımsız durumlar ilk olaydan dağıtılmaya başlanarak tabloları elde edilir. Bu bölümde verilen eşitlikler, bu yöntemle elde edilen kurallı tablolara göre verilmektedir. Farklı dizilimsiz dağılımlarda durumların küçükten-büyüğe sıralanmasıyla 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 haricinde dağılımın herhangi bir durumuyla başlayan dağılımlar (bunun yerine farklı dizilimli dağılımlarda simetride bulunmayan bir durumla başlayan dağılımlar) ve dağılımın ilk durumu hariç olasılık 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.

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 ve eşitlikleri verilmektedir.

Farklı dizilimsiz dağılımlarda simetrinin durumlarının olasılık dağılımındaki sırası 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 VDOİHİ Cilt 1'de çıkarılan eşitliklerle birleştirilerek, bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımların yeni eşitlikleri elde edilecektir. Eşitlikleri adlandırılmasında da bağımlı olasılıklı farklı dizilimsiz dağılımlarda kullanılan adlandırmalar kullanılacaktır. Bu adların sonuna 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 /bağımsız/bağımlı" kelimeleri getirilerek, simetrinin bağımlı durumlarının bulunabileceği olaylara göre bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz adları elde edilecektir. Simetriden seçilen durumların bulunabileceği olaylara göre simetrik, düzgün simetrik veya düzgün olmayan simetrik olasılık için birden fazla ad kullanılması durumunda gerekmedikçe yeni tanımlama yapılmayacaktır.

Simetrinin durumlarının bağımlı olasılık farklı dizilimsiz dağılımlarındaki sırasına göre verilen eşitliklerdeki toplam sayı 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 ciltte bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlardan, bağımsız olasılıklı durumla başlayıp ilk bağımlı durumu bağımlı olasılıklı dağılımın ilk bağımlı durumu veya dağılımın başlayabileceği diğer bir bağımlı durum olan ve bağımsız olasılıklı durumla başlayan dağılımın aynı ilk bağımlı durumuyla başlayan dağılımlarda, simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı tek kalan düzgün olmayan simetrik olasılığın eşitlikleri verilmektedir.

SİMETRİDEN SEÇİLEN DÖRT DURUMDAN SON İKİ DURUMA BAĞLI TEK KALAN DÜZGÜN OLMAYAN SİMETRİK OLASILIK

$D \geq \mathbf{n} < n \land \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \land \mathbf{l_i} \leq D + s - \mathbf{n} \land$

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

$j^{sa} = j_i + j_{sa} - s \land j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \land$

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

$D \geq \mathbf{n} < n \land Q2; \land$

$j_{sa} < j_{sa}^{i} - 1 \land j_{sa}^{ik} < j_{sa} - 1 \land j_{sa}^{s} = j_{sa}^{ik} - 1 \land$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \land$

$s \geq 6 \land \mathbf{s} = s + Q5; \land$

$\mathbb{k}_z: z = 3 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{A\ \ B1;}_{fz,C1;\ \ ,j_{ik},j^{sa},j_i,D} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s [illegible] j_{sa}^{ik} + 1)!} \cdot$$

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

$$\frac{(D - [illegible])!}{([illegible] \mathbf{n} - \mathbf{l_i})! [illegible] (\mathbf{n} - j_i)!} Q0[illegible];$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{[illegible] - \mathbf{l} + 1)}$$

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

$$\sum_{n_i = [illegible]}^{Q6;} \sum_{(n_{is} [illegible] \mathbb{k} + Q8; - j_s + Q9;)}^{[illegible] - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\text{[illegible]})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\text{[illegible]}-j_i)!}Q0\text{[illegible]}$$

$$Q00;\sum_{k=\mathbf{l}}^{\text{[illegible]}-\mathbf{l}+1)}\sum_{(j_s-\text{[illegible]}}^{\text{[illegible]}}$$

$$\sum_{j_{ik}=j_s\text{[illegible]}}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=\mathbf{l_{ik}}\text{[illegible]}-\mathbf{l}-j_{sa}^{ik}+2)}^{\text{[illegible]}-\mathbf{l}-s+1)}\sum_{j\text{[illegible]}+s-j_{sa}}^{\text{[illegible]}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\text{[illegible]}k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{\text{[illegible]}_k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n\text{[illegible]}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n\text{[illegible]}-j^{sa}\text{[illegible]}2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{sa}^{ik} - \mathbf{l_{ik}} - \mathrm{j}_{sa}\right)!}{(\mathrm{j}_{ik} + \mathbf{l_{sa}} - \mathrm{j}^{sa} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{sa} + \mathrm{j}_{sa}^{ik} - \mathrm{j}_{ik} - \mathrm{j}_{sa})!}.$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} \text{ Q04;}$$

$$\text{Q000;} \sum_{k=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathrm{j}_{ik}-\mathrm{j}_{sa}^{ik}+1 [illegible])}^{(\ )} [illegible]$$

$$\sum_{\mathrm{j}_{ik}=\mathrm{j}^{sa}+\mathrm{j}_{sa}^{ik}-\mathrm{j}_{sa}} \sum_{(\mathrm{j}^{sa}=\mathrm{j}_{sa} [illegible])}^{(\mathbf{l_s}+\mathrm{j}_{sa}-\mathbf{l})} \sum_{[illegible] - \mathrm{j}^{sa} [illegible] - \mathrm{j}_{sa}}$$

$$\sum_{\mathrm{n_i}=\text{Q7;}+\text{Q22;}}^{\text{Q20;}} \sum_{(\mathrm{n}_{is}=\mathbf{n}+ [illegible] \text{Q8;} [illegible])}^{(\mathrm{n_i}-\mathrm{j_s}-\text{Q23;}+1)} \sum_{\mathrm{n}_{ik}= [illegible] +\mathrm{j_s}-\mathrm{j}_{ik}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n}_{sa}=\mathrm{n}_{[illegible]} [illegible] -\mathrm{j}^{sa}-\mathbb{k}_2 [illegible])}^{(\ )} \sum_{[illegible]=\mathrm{n}_{sa}+\mathrm{j}^{sa}-\mathrm{j_i}-\mathbb{k}_3}$$

$$\frac{(\mathrm{n_s} + \mathrm{j_i} - [illegible] - \mathrm{s} - \text{Q31;})!}{[illegible] + \mathrm{j_i} - [illegible] - \text{Q31;} - [illegible])! \cdot (\mathbf{n} + \mathrm{j}_{sa}^{s} - \mathrm{j_s} - \mathrm{s})!}.$$

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

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} \text{ Q044;}$$

$\Big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge [illegible]\ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} [illegible] \mathrm{D} + [illegible] \mathbf{n} \wedge$

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

$\mathrm{j}^{sa} = \mathrm{j_i} + \mathrm{j}_{sa} [illegible] \mathrm{s} \wedge \mathrm{j}^{sa} [illegible] - \mathrm{j}_{sa} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} [illegible] 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{sa}^{ik} - \mathrm{j}_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j}_{sa} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < [illegible] \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

$\mathbf{l_i} - \mathrm{s} + 1 > \mathbf{l_s} \wedge$

$\mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n})\Big) \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}}^{[illegible](j_{ik}-j_{sa}^{ik}+1)} \sum_{[illegible]=2)}^{[illegible]} \right.$$

$$\sum_{j_{i}[illegible]_{sa}}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+[illegible]}^{[illegible]j_{sa}-\mathbf{l})} \sum_{[illegible]=j^{sa}+s-j_{sa}}^{[illegible]}$$

$$\sum_{n_i=Q7[illegible]}^{Q6;} \sum_{n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s[illegible])}^{(n_{[illegible]}+1)} \sum_{n_{ik}=\mathbf{n}[illegible]+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s[illegible]}$$

$$\sum_{(n_{sa}=\mathbf{n}[illegible]+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-[illegible])} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

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

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

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\text{[illegible]}}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j^{ik}_{sa}+1)} \sum_{\text{[illegible]}-j^{sa}\text{[illegible]}-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{\text{[illegible]}}=\mathbf{n}+\Bbbk+Q8;-j_{\text{[illegible]}}\text{[illegible]}9;)}^{(n_i-j_s+1)} \sum_{\text{[illegible]}+\Bbbk_2+\Bbbk\text{[illegible]}8;-j_{ik}+Q9;}^{\text{[illegible]}_s+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q\text{[illegible]}j^{sa}+Q9;)}^{(\text{[illegible]}+j_{ik}-j^{sa}\text{[illegible]}} \sum_{\text{[illegible]}\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+\text{[illegible]}\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(\text{[illegible]} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j^{ik}_{sa} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+[illegible]}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8[illegible]+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q0[illegible]$$

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

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

$$\frac{(n_{ik} - n_{[illegible]} - \Bbbk_2 - [illegible])!}{(j^{sa} - j_{ik} - [illegible] (n_{ik} + [illegible] - n_{sa} - j^{sa} - \Bbbk_2)!}\cdot$$

$$\frac{(n_{sa} [illegible] n_s - \Bbbk_3 [illegible] 1)!}{(j_i [illegible] j^{sa} - 1)! \cdot (n_{[illegible]} + j^{sa} - n_s - j_i - \Bbbk_3)!}\cdot$$

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

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

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}\cdot$$

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

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} \sum^{Q0}$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

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

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

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+\ldots}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8\ldots+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q0\ldots$$

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

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

$$\frac{(n_{ik} - \ldots - \Bbbk_2 - \ldots}{(j^{sa} - j_{ik} - \ldots \cdot (n_{ik} + \ldots - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} \ldots n_s - \Bbbk_3 \ldots 1)!}{(j\ldots j^{sa} - 1)! \cdot (\ldots + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

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

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

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

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

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{sa})!\cdot(\mathbf{n}+j_{sa}-j_i-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \ldots, \Bbbk_2, j_{sa}, \ldots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge [illegible] = s+Q5; \wedge$

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

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s}^{B1;}{}_{,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q0 \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

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

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j^{s}_{sa})! \cdot (\mathbf{n} + j^{s}_{sa} - j_s - s)!} \cdot$$

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3;, j^{s}_{sa}, \mathbb{k}_1, j^{ik}_{sa}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}, Q4;\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

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

$${}^{A1;}_{fz,C1;}S^{B1}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{(\;)} \right.$$

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

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} \text{[illegible]})!} \cdot$$

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

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} \text{[illegible]})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \text{[illegible]} (j^{sa} + j_{sa}^{ik} \text{[illegible]} j_{sa})!} \cdot$$

$$\frac{(D - \text{[illegible]})!}{(D \text{[illegible]} - \mathbf{l_i})! \text{[illegible]} - j_i)!} \Bigg) Q0\text{[illegible]}$$

$$Q0\text{[illegible]} \Bigg(\sum_{\text{[illegible]}=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{\text{[illegible]})}$$

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

$$\sum_{n_i = \text{[illegible]}}^{Q6;} \sum_{(n_{is}\text{[illegible]} \mathbb{k} + Q8; - j_s + Q9;)}^{\text{[illegible]} - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

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

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q0$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik})}$$

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

$$\sum_{n_i=Q7;+Q2}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;+Q9;)}^{(n_i-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}\colon \{Q3;, j^{s}_{sa}, \mathbb{k}_1, j^{ik}_{sa}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z\colon z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+[illegible]}^{(\ )} [illegible] $$

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

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-[illegible]}^{(n_i-j_s+1)} \sum_{[illegible]=\mathbf{n}+\mathbb{k}_2+[illegible]Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+[illegible]-j^{sa}+Q9;}^{[illegible]+j_{ik}-j^{sa}[illegible])} \sum_{[illegible]=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}[illegible]\mathbb{k}_3} Q05; $$

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

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

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

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

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

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

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \ Q04; $$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}\ldots-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s+\ldots s-Q3\ldots)!}{(n_s+j_i-\ldots-Q31;\ldots j_{sa}^{s})!\cdot(\ldots j_s-s)!}\cdot$$

$$\frac{(\mathbf{l}_s-\mathbf{l}-1)!}{(\mathbf{l}_s-j_s-\ldots+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l}_i)!}{(D+j_i-\ldots-\mathbf{l}_i)!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\ _{i}\mathbf{l}\wedge\mathbf{l}_i\leq\ldots+s-\mathbf{n}\wedge$

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

$j^{sa}=\ldots+j_s\ldots-s\wedge j\ldots+s-j_{sa}\leq j_i\leq\ldots$

$\mathbf{l}_{ik}-j_{sa}^{ik}+1>\ldots\wedge\mathbf{l}_{sa}+\ldots-j_{sa}=\ldots\wedge\mathbf{l}_i+j_{sa}-s=\mathbf{l}_{sa}\wedge$

$D\geq\ldots<n\wedge Q2;\wedge$

$j_{sa}<j_{sa}^{i}\ldots\wedge j_{sa}^{ik}<j_{sa}\ldots1\wedge j_{sa}^{s}=j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{Q\ldots j_{sa}^{s},\mathbb{k}_1,\ldots\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$

$s\geq6\wedge\mathbf{s}\ldots+Q5;\wedge$

$\ldots z=\ldots\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q01;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

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

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q03;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j^{ik}_{sa}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j^{ik}_{sa}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{s}_{sa})!\cdot(\mathbf{n}+j^{s}_{sa}-j_s-s)!}\cdot$$

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

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} \text{ Q044;}$$

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

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

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

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

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

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

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \ldots\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

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

$$\mathrm{fz,C}^{\mathrm{B1;}} \ldots \Rightarrow \mathrm{j_s}, \mathrm{j_{ik}}, \ldots \mathrm{D1} \ldots \mathrm{Q00;} \left(\sum_{k=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )} \right.$$

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

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}}^{\mathrm{Q} \ldots} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3} \text{ Q05;}$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\frac{(D-[illegible])!}{(D[illegible]-\mathbf{l_i})!\cdot([illegible]-j_i)!}\Bigg)Q0[illegible];$$

$$Q0[illegible]\Bigg(\sum_{[illegible]=\mathbf{l}}^{[illegible]}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{[illegible])}$$

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

$$\sum_{n_i=[illegible]}^{Q6;[illegible]}\sum_{(n_{is}=[illegible]+\mathbb{k}+Q8;-j_s+Q9;)}^{[illegible]-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

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

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\Bigg) \text{Q0[illegible]}$$

$$\text{[illegible]}00; \sum_{\text{[illegible]}k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} \text{[illegible]})}^{(\text{[illegible]})}$$

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

$$\sum_{n_i = Q7; + Q2\text{[illegible]}}^{\text{[illegible]}20;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; \text{[illegible]} + Q9;)}^{(n_i - j_s \text{[illegible]} Q23; +1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

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

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s \text{[illegible]} j_i - \mathbf{n} - Q31; - j_{sa}^s)! \cdot (\mathbf{n} + j_{sa}^s - j_s - s)!} \cdot$$

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$D \text{[illegible]} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_i \text{[illegible]} j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{s\text{[illegible]}} j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

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

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right. $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa})}^{(\ )} \sum_{j^{sa}\text{[illegible]}-j_{sa}}^{\text{[illegible]}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s\text{[illegible]}Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}\text{[illegible]}\mathbb{k}_2+\mathbb{k}_3\text{[illegible]}Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;\text{[illegible]}j^{sa}+Q9;)}^{(\text{[illegible]}j_{ik}-j^{sa}-\text{[illegible]})} \sum_{n_s\text{[illegible]}\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j\text{[illegible]}\mathbb{k}_3} Q05; $$

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

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

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

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

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

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

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

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

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_{\text{[illegible]}} - \mathbb{k}_3 - \text{[illegible]})!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} \text{[illegible]}{}^{sa} - n_s - j_i - \text{[illegible]})!} \cdot$$

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

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

$$\frac{\left(\mathbf{l_{ik}} \text{[illegible]}_s - j_{sa}^{ik} + 1\right)!}{(j_s \text{[illegible]} \mathbf{l_{ik}} - j_{ik} - \text{[illegible]})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\left. \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

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

$${}_{fz,C1}^{A1\ \ B1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} \text{[illegible]})!} \cdot$$

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

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_s \text{[illegible]} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s \text{[illegible]} + 1)!} \cdot$$

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \text{[illegible]} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{n\text{[illegible]};}^{Q6\text{[illegible]}} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+[illegible])!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-[illegible]_{k}-j_{sa})!}\cdot$$

$$\frac{(D[illegible])!}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot(\mathbf{n}[illegible])!}Q04;$$

$$Q000;\sum[illegible]\sum_{(j_s[illegible]-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$[illegible]20;\sum_{n_i=Q7;+Q[illegible]}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q2[illegible]1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$([illegible]\ n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_i}\leq D+s-\mathbf{n}\wedge$

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

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

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

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

$\mathbf{l_i} - s + 1 > \mathbf{l_s} \wedge$

$\mathbf{l_i} \leq \mathrm{D} + s - \mathbf{n})\big) \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

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

$\mathbf{s}: \left\{\mathrm{Q3;}, , j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, \mathrm{Q4;}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + \mathrm{Q5;} \wedge$

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

$$
{}^{A1;}_{C1;}S^{B1;}_{\Rightarrow j_s, j_{ik}, j^{sa}, \text{[illegible]}} = \mathrm{Q}\text{[illegible]} \left(\sum_{k=\mathbf{l}}^{\text{[illegible]}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right.
$$

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

$$
\sum_{n_i=\mathrm{Q7;}}^{\text{[illegible]}6;} \sum_{(\text{[illegible]}_s=\mathbf{n}+\mathbb{k}+\mathrm{Q8;}-j_s+\mathrm{Q9;})}^{\text{[illegible]}-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-j_{ik}+\mathrm{Q9;}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-j^{sa}+\mathrm{Q9;})}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+\mathrm{Q8;}-j_i+\mathrm{Q9;}}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \mathrm{Q05;}
$$

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

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

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

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}\ [illegible])!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-[illegible]_{k}-j_{sa})!}\cdot$$

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

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

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

$$\sum_{n_i=Q7;}\ \sum_{(n_{is}=[illegible]\Bbbk+Q8;-j_s+Q9;)}^{([illegible]j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{[illegible]n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\ Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

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

$$Q00; \Bigg(\sum_{k=\mathbf{l}} \sum_{\text{[illegible]}=2)}^{\text{[illegible]}_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+\text{[illegible]}}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{\text{[illegible]}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\text{[illegible]})} \sum_{\text{[illegible]}^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+\text{[illegible]}}$$

$$\sum_{n_i=Q7\text{[illegible]}}^{Q6;} \sum_{n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s\text{[illegible]})}^{(n\text{[illegible]}+1)} \sum_{n_{ik}=\mathbf{n}\text{[illegible]}+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s\text{[illegible]}}$$

$$\sum_{(n_{sa}=\mathbf{n}\text{[illegible]}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\text{[illegible]})} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;\text{[illegible]}+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}\text{[illegible]}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-\text{[illegible]}\mathbb{k}_1}$$

$$\sum_{(n_{sa}\text{[illegible]}+\mathbb{k}_3+Q8;-j\text{[illegible]}Q9;)}^{(n_{ik}+j_{ik}-j\text{[illegible]}\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{\text{[illegible]}a+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \text{[illegible]}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j^{sa}\text{[illegible]}-j_{sa}}$$

$$\sum_{n_i=Q7;\text{[illegible]}Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\text{[illegible]}Q8;-j_s\text{[illegible]})}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=\text{[illegible]}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}\text{[illegible]}-j^{sa}-\mathbb{k}_2\text{[illegible]})}^{(\ )}\ \sum_{\text{[illegible]}=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s\text{[illegible]}-s-Q31;)!}{(\text{[illegible]}+j_i-\text{[illegible]}-Q31;-\text{[illegible]}j_{sa})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq$ [illegible] $\mathbf{l} \land \mathbf{l_i} \leq$ [illegible] $+ s -$ [illegible] $\land$

$1 \leq j_s$ [illegible] $j_{ik} - j_{sa}^{ik} + 1$ [illegible] $j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \land$

$j^{sa} = j_i + j_s$ [illegible] $- s \land j^{sa} +$ [illegible] $- j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}}$ [illegible] $+ 1 = \mathbf{l_s} \land \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \land$

$D \geq \mathbf{n} < n$ [illegible] $Q2; \land$

[illegible] $1 \land j_{sa}^{ik} < j_{sa} - 1 \land j_{sa}^{s} = j_{sa}^{ik} - 1 \land$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \land$

$s \geq 6 \land \mathbf{s} = s + Q5; \land$

$\mathbb{k}_z: z = 3 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j^{ik}_{sa}+2)} $$

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

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

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

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

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

$$ \frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

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

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

$$ \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04; $$

$$ Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j^{ik}_{sa}+2)} $$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

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

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

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

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

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

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}} - \mathbf{l} - j_{sa}^{ik} + 2)}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

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

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; -j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3; , j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4; \} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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

$${}_{fz,C1;}^{A,B1;}\mathbb{S}_{j_s,j_{ik},j^{sa},j_i}^{D1;} = Q06; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{k=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} \text{ [illegible]4;}$$

$$Q000; \sum_{k=[illegible]} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{s[illegible]}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}[illegible]^{ik})}^{(\;)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q[illegible]} \sum_{(n_{is}=[illegible]k+Q8;-j_s[illegible])}^{(n_i-j_s[illegible]23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{[illegible]_{sa}=n_{ik}+j_{i[illegible]}^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i[illegible]\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} \; Q044;$$

$D \geq \mathbf{n}$ [illegible] $\wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge$ [illegible] $\leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

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

$\mathbf{s}: \left\{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\right\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

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

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2\text{[illegible]}Q8;\text{[illegible]}+Q9;}^{n_{is}+j_s-j_i\text{[illegible]}\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3\text{[illegible]}Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\text{[illegible]}8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\text{[illegible]}} Q\text{[illegible]};$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i\text{[illegible]}j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}\dots}$$

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

$$\frac{(n_s+j_i-j_s-s\dots)!}{(n_s+j_i-\mathbf{n}-Q31;-j\dots)!\cdot(\mathbf{n}+j_{sa}\dots-s)!}\cdot$$

$$\frac{(\dots\mathbf{l}-1)!}{(\dots j_s-\mathbf{l}+\dots)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(\dots+j_i-\mathbf{n}\dots\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \land \mathbf{l_i} \leq D + s - \mathbf{n} \land$ [illegible]

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \land j_s + j_{s\dots}^{ik} \dots \leq j_{ik} \leq j\dots + j_{sa}^{ik} - j_{sa}$ [illegible]

$j^{sa} = j_i + j_{sa} - s \land j^{sa} + s \dots j_{sa} \leq j_i \leq \mathbf{n}$ [illegible]

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

$D \geq \mathbf{n} < n \land Q2;\land$ [illegible]

$j\dots < j_{sa}^{i} - 1 \dots{}^{ik} < j_{sa} \dots 1 \land j_{sa}^{s} = j_{\dots}^{ik} - 1 \land$

$\mathbf{s}: \{\dots;, j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \dots \Bbbk_2, j_{sa}, \dots, j_{sa}^{i}, Q4;\} \land$

$\dots \geq 6 \land \dots = s + Q5;\land$

$\Bbbk_z: z = 3 \land \Bbbk \dots \Bbbk \dots + \dots{}_2 + \Bbbk_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\;,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q0\ldots\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

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

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

$$\left. \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

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

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; -j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5; \wedge$

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

$$[illegible]\,{}_{C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},[illegible]1;}^{B1;} = Q[illegible]; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

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

$$\sum_{n_i=Q7;}^{[illegible]} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{[illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+\text{[illegible]})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}\text{[illegible]}j_i)!}\right)Q0\text{[illegible]}$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s\text{[illegible]}}^{\text{[illegible]}-\mathbf{l}+1)}\right.$$

$$\sum_{j_{ik}=j_s+\text{[illegible]}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j\text{[illegible]}_{sa}-j_{sa}^{ik})}^{(\text{[illegible]})}\sum_{j_i=j\text{[illegible]}-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\text{[illegible]}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{\text{[illegible]}_k=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n\text{[illegible]}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n\text{[illegible]}-j^{sa}\text{[illegible]}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} \text{[illegible]}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\text{[illegible]})}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=\text{[illegible]}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s+j_i-\text{[illegible]}-s-Q31;)!}{(\text{[illegible]}+j_i-\text{[illegible]}-Q31;-\text{[illegible]})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l}$ [illegible] $\mathbf{l} \wedge \mathbf{l_i} \leq$ [illegible] $+ s -$ [illegible] $\wedge$

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

[illegible] $= j_i +$ [illegible] $- s \wedge j^{sa} +$ [illegible] $- j_{sa} \leq j_i \leq \mathbf{n} \wedge$

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

$D \geq \mathbf{n} < n$ [illegible] $Q2;\wedge$

[illegible] $< j^{i}$ [illegible] $1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, , j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5;\wedge$

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

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_s^{s})!\cdot(\mathbf{n}+j_{sa}-j_i-s)!}\cdot$$

$$\frac{(\mathbf{l}_s-\mathbf{l}-1)!}{(\mathbf{l}_s-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l}_i)!}{(D+j_i-\mathbf{n}-\mathbf{l}_i)!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$\Big((D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

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

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

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

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

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

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

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

$\mathbf{l_i} \leq D + s - \mathbf{n})\Big) \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right. $$

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

$$ \sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

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

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

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

$$ \frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

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

$$ \frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot $$

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

$$ \left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02; $$

$$ Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right. $$

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

$$\sum_{n_i=Q7;}^{Q6;}\;\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\;\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\;\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\;Q0$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

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

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

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\;Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\;\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\text{[illegible]}}$$

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

$$\frac{(n_s+j_i-j_s-s\text{[illegible]})!}{(n_s+j_i-\mathbf{n}-Q31;-j_s\text{[illegible]})!\cdot(\mathbf{n}+j_{sa}\text{[illegible]}-s)!}\cdot$$

$$\frac{(\text{[illegible]}\,\mathbf{l}-1)!}{(\text{[illegible]}\,j_s-\mathbf{l}+\text{[illegible]})!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(\text{[illegible]}+j_i-\mathbf{n}\text{[illegible]}\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$ [illegible]

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} -$ [illegible] $1 \wedge$

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

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa}$ [illegible] $j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} -$ [illegible] $+ 1 = \mathbf{l_s} \wedge$ [illegible] $+ j_{sa}^{ik} - j_{sa} >$ [illegible] $\wedge \mathbf{l}$ [illegible] $j_{sa} - s = \mathbf{l_{sa}} \wedge$

D [illegible] $s - \mathbf{n} <$ [illegible] $D + \mathbf{l}$ [illegible] $s - \mathbf{n} - j_{sa}^{ik} \wedge$

D [illegible] $\mathbf{n} < n \wedge Q2; \wedge$

[illegible] $< j_{sa}$ [illegible] $1 \wedge j_{sa}^{ik} < j_{sa}$ [illegible] $1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1$ [illegible] $, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

s [illegible] $6 \wedge$ s [illegible] $s + Q5; \wedge$

$\mathbb{k}_z: z = 3$ [illegible] $= \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

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

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

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q31; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2\leq\mathbf{l}\leq\ {}_{\mathbf{i}}\mathbf{l}-1\wedge$

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

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

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

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{ik}}+s-\mathbf{n}-j_{sa}^{ik}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

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

$\mathbf{s}:\{Q3;,j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$

$s\geq 6\wedge\mathbf{s}=s+Q5;\wedge$

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

$${}_{fz,C1;}^{A1;}S_{j_s,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} \text{[illegible]})!} \cdot$$

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

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} \text{[illegible]}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} \text{[illegible]} j_{sa})!} \cdot$$

$$\frac{(D - \text{[illegible]})!}{(\text{[illegible]} \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{ Q0[illegible];}$$

$$\text{Q[illegible]0;} \sum_{\text{[illegible]}=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{\text{[illegible]})}$$

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

$$\sum_{\text{[illegible]}7;+\text{[illegible]}}^{Q20;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s - Q23; + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

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

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{ Q044;}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 1 \wedge$

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

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

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

$$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}\wedge$$

$$D\geq \mathbf{n}<n\wedge Q2;\wedge$$

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

$$\mathbf{s}:\{Q3;,j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$$

$$s\geq 6\wedge \mathbf{s}=s+Q5;\wedge$$

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

$$\underset{fz,C1;}{\overset{A1;}{}}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i\text{[illegible]}}\text{[illegible]}Q00;\left(\sum_{\text{[illegible]}}\sum_{(j_s\text{[illegible]}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{s}\text{[illegible]}^{ik}-j_{sa}}\sum_{\text{[illegible]}^{a}=j_i+j_{sa}-s)}^{\text{[illegible]})}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}\sum_{(n_{is}=\text{[illegible]}\mathbb{k}+Q8;-j_s+Q9;)}^{(\text{[illegible]}j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{\text{[illegible]}n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

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

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

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1 [illegible]}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i [illegible] s-[illegible]_{sa}^{ik}+2}^{\mathbf{l_{sa}}+s [illegible] -j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{[illegible]}=\mathbf{n}+\Bbbk+Q8;-j_s[illegible]Q9;)}^{(n_i-j_s+1)} \sum_{[illegible]+\Bbbk_2+\Bbbk_[illegible]Q8;-j_{ik}+Q9;}^{[illegible]_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q[illegible]j^{sa}+Q9;)}^{([illegible]+j_{ik}-j^{sa}[illegible])} \sum_{[illegible]\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j[illegible]\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{([illegible] - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

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

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

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

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

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

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

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

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q0\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

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

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-[illegible])!}\ Q044;[illegible]$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2 \leq \mathbf{l} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+[illegible] \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{i}[illegible] \leq j^{sa}+j_{sa}^{ik}[illegible] \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i [illegible] \mathbf{n} \wedge$

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

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 [illegible] = j_{sa}^{ik}-1 [illegible]$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j[illegible], \cdots, \mathbb{k}_2, j_{sa}, \cdots, [illegible], Q4; [illegible]$

$s \geq 6 \wedge \mathbf{s} = [illegible] + Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k} = [illegible] + \mathbb{k}_2 + [illegible] \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

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

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

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\text{[illegible]})!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\text{[illegible]}\,\mathbf{l}-1)!}{(\mathbf{l_s}-\text{[illegible]}-\mathbf{l}+1)!\cdot(\text{[illegible]}-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-\text{[illegible]}j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\text{[illegible]})!\cdot(j^{sa}+\text{[illegible]}-j_{ik}-j_{sa})!}\cdot$$

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

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

$$\sum_{k=\mathbf{l}}^{\text{[illegible]}}\ \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;}^{\text{[illegible]}s;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}\text{[illegible]}_k-j_{sa})!}\cdot$$

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

$$\frac{(D-\text{[illegible]})!}{(D\text{[illegible]}-\mathbf{l_i})!\cdot(\text{[illegible]}-j_i)!}\Bigg)Q0\text{[illegible]};$$

$$Q\text{[illegible]}0;\sum_{\text{[illegible]}=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{\text{[illegible]})}$$

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

$$\sum_{n_i\text{[illegible]}7;+\text{[illegible]};}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l}-1 \wedge$

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

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

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

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{s}\text{[illegible]}}^{B1;} \text{[illegible]} = Q00; \sum_{\text{[illegible]}\mathbf{l}}^{\text{[illegible]}} \sum_{(j_s\text{[illegible]} - j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;}^{\text{[illegible]}} \sum_{(n_{is}\text{[illegible]}\mathbb{k}+Q8;-j_s+Q9;)}^{\text{[illegible]}j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{\text{[illegible]}n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

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

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$ [illegible]04;

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j\text{[illegible]}j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q2\text{[illegible]}}\ \sum_{(n_{is}=n\text{[illegible]}+Q8;-j_s+\text{[illegible]})}^{(n_i-j_s\text{[illegible]}3;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{\text{[illegible]}=n_{ik}+j\text{[illegible]}^{sa}-\Bbbk_2)}^{(\text{[illegible]}}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i\text{[illegible]}\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} <$ [illegible] $\wedge\ \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l}$ [illegible] $\leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l}$ [illegible] $D+\mathbf{l_{ik}}$ [illegible] $\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1 \wedge$

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

$j^{sa}=j_i+$ [illegible] $-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

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

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

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

$\mathbf{s}\colon \{Q3;,j_{sa}^{s},\Bbbk_1,j_{sa}^{ik},\cdots,\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i},Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z\colon z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+\text{[illegible]}}^{(\ \ )} $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}\text{[illegible]}s)}^{(\ \ )} \sum_{j_i=\text{[illegible]}\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-\text{[illegible]}}^{(n_i-j_s+1)} \sum_{\text{[illegible]}=\mathbf{n}+\Bbbk_2+\text{[illegible]}Q8;-j_{ik}+Q9;}^{\text{[illegible]}n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+\text{[illegible]}-j^{sa}+Q9;)}^{\text{[illegible]}+j_{ik}-j^{s\text{[illegible]}})} \sum_{\text{[illegible]}=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}\text{[illegible]}\Bbbk_3} Q05; $$

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

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

$$ \frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(\text{[illegible]}sa\text{[illegible]}j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

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

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

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02; $$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{(n_{sa}+j^{sa}-j_i-\Bbbk_3)} Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^s)!\cdot(\mathbf{n}+j_{sa}^s-j_s-s)!}\cdot$$

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

$$\frac{(D[illegible]\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i}[illegible](\mathbf{n}-j_i)!}Q[illegible]44;$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq {}_i\mathbf{l} \land \mathbf{l_s} \leq D-\mathbf{n}+1 \land$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2 \leq \mathbf{l} \leq [illegible]\mathbf{l}-1 \land$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \land j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-[illegible] \land$

$j^{sa}=j_i+j_{sa}-s \land j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \land \mathbf{l_{sa}}+j[illegible]-j_{sa} > \mathbf{l_{ik}} [illegible]+j_{sa}[illegible]\mathbf{a} \land$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{ik}}+s[illegible]\mathbf{n}-j_{sa}^{ik} \land$

$D \geq \mathbf{n} < n \land Q2;[illegible]$

$j[illegible] < j_{sa}^{i}-1[illegible]j_{sa}^{ik} < j_{sa}[illegible]1 \land j_{sa}^{s}=j_{sa}^{ik}-1 \land$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\mathbb{k}_1,j_{sa}^{i}[illegible],\mathbb{k}_2,j_{sa}[illegible],j_{sa}^{i},Q4;\} \land$

$s \geq 6 \land [illegible]=s+Q5; \land$

$\mathbb{k}_z: z=3 \land [illegible]=\mathbb{k}_1+[illegible]+\mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q0[illegible]\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000; \sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q344;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

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

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

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

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

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_s, \ldots, \mathbb{k}_3, j_{sa}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-\mathbf{l_s}-j_{ik})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{n_i=[illegible]}^{Q8[illegible]}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\text{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+[illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ \text{Q0[illegible]}$$

$$\text{Q200;}\sum_{k=\mathbf{l}}^{[illegible]}\ \sum_{(j_s=j_{ik}-j_{sa}^{[illegible]})}^{[illegible]}$$

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

$$\sum_{n_i=Q7;+Q[illegible]}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;[illegible]+Q9;)}^{(n_i-[illegible]Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{([illegible]j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ \text{Q044;}$$

$D \geq [illegible]\mathbf{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s [illegible]\mathbf{n}-\mathbf{l_i}+1 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l}-1 \wedge$

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

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

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

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

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\text{[illegible]}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;\text{[illegible]}Q9;)}^{(n_i\text{[illegible]}-j_s+1)} \sum_{n_{ik}\text{[illegible]}\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}\mathbb{k}_1}$$

$$\sum_{(n_{sa}\text{[illegible]}\mathbb{k}_3+Q8;\text{[illegible]}Q9;)}^{(n_{ik}+j_{ik}-j^{s}\text{[illegible]})} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{\text{[illegible]}_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q04;$$

$$\text{Q000;}\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-[illegible]}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=\text{Q7;}+\text{Q22;}}^{\text{Q20;}}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+\text{Q8;}-j_s+\text{Q9;})}^{(n_i-j_s-\text{Q23;}+1)}\ \sum_{n_{ik}=n_{is}[illegible]-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-[illegible])}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_s+[illegible]-s-\text{Q3}[illegible])!}{(n_s[illegible]j_i-\mathbf{n}-\text{Q3}[illegible]j_{sa}^{s})!\cdot[illegible]-j_s-s)!}\cdot$$

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

$$\frac{[illegible]D-\mathbf{l_i})!}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ \text{Q044;}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq [illegible] - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - [illegible] + 1 \wedge$

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

$j^{sa} = j_i + j_{sa} - [illegible] \wedge j^{sa} + [illegible] j_{sa} \leq j_i \leq \mathbf{n} \wedge$

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

$[illegible] + s - [illegible] \leq \mathbf{l_i} \leq D + [illegible] + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge$ [illegible]

$j_{sa} < j_{sa}^{i} - [illegible] \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$[illegible]\{\text{Q3;}, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, \text{Q4;}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + \text{Q5;} \wedge$

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

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right. $$

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

$$ \sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05; $$

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

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

$$ \frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

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

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q01;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(\text{[illegible]}-1)!}{(n_s+j_i-\mathbf{n}-\text{[illegible]})!\cdot(\text{[illegible]}-j_i)!}\cdot$$

$$\frac{(\text{[illegible]}-\mathbf{l}-1)!}{(\text{[illegible]}-j_s-\mathbf{l}\,\text{[illegible]})!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j\text{[illegible]}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-\text{[illegible]}-\mathbf{l_{ik}})!\cdot(\text{[illegible]}^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\text{[illegible]}}\cdot$$

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

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

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

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

$$\sum_{k=\mathbf{l}}^{\text{[illegible]}}\ \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

$$\sum_{\text{[illegible]}k=j^{ik}_{sa}+1}^{\mathbf{l_s}+j^{ik}_{sa}-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n\text{[illegible]}7;}^{Q6;\text{[illegible]}}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

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

$$\frac{(D-[illegible])!}{(D+j_i-[illegible]\mathbf{l_i})!\cdot(\mathbf{n}[illegible])!}\Big)\ Q04;$$

$$[illegible]000;\sum[illegible]\sum_{([illegible]-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q[illegible]}^{[illegible]Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q2[illegible]1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$[illegible] > \mathbf{n} \leq [illegible] \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2 \leq \mathbf{l} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1 \wedge$

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

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

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

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

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

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

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

$$
{}_{\mathrm{fz,C1;}}^{\mathrm{A1;}}S_{\Rightarrow \mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i},\mathrm{D1;}}^{\mathrm{B1;}} = \mathrm{Q00;}\left(\sum_{k=\mathbf{l}}^{\text{[illegible]}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}\text{[illegible]}+1)}^{(\ )} \sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}+1}^{\mathbf{l_s}+\mathrm{j_{sa}^{ik}}-\mathbf{l}} \sum_{\mathrm{j^{sa}}=\mathrm{j_i}+\mathrm{j_{sa}}}^{(\ )} \sum_{\text{[illegible]}\mathbf{n}-\mathrm{D}}^{\mathbf{l_{sa}}+\mathrm{s}-\mathbf{l}-\mathrm{j_{sa}}+1} \right.
$$

$$
\sum_{\mathrm{n_i}=\mathrm{Q7;}}^{\mathrm{Q6;}} \sum_{(\mathrm{n_{is}}=\text{[illegible]}+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+\text{[illegible]})} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}
$$

$$
\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{\text{[illegible]}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\text{[illegible]}} \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3} \mathrm{Q05;}
$$

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

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

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

$$
\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-\mathbb{k}_3-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i}-\mathbb{k}_3)!}\cdot
$$

$$
\mathrm{Q06;}\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot
$$

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

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

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

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{(n_{sa}+j^{sa}-j_i-\mathbb{k}_3)} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

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

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

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_s)!\cdot(\mathbf{n}+j_{sa}-j_i-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{i}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+2\leq\mathbf{l_s}+\mathbf{l}-1\wedge$

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

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

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

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

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

$\mathbf{s}:\{Q3;,j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$

$s\geq 6\wedge s=s+Q5;\wedge$

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

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

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

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

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

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\wedge$

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

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

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

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;$

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

$\mathbf{s}:\{Q3;,j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\mathbb{k}_3,j_{sa},Q4;\}\wedge$

$s\geq 6\wedge s=s+Q5;\wedge$

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

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\;,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j^{ik}_{sa})!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j^{ik}_{sa}+1)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(j_{ik}-j^{ik}_{sa}+1)}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s [illegible] j_{sa}^{ik} + 1)!} \cdot$$

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

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

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

$$\sum_{j_{ik}= [illegible] + j_{sa}^{ik} - j_{sa} [illegible]}^{[illegible]} \sum_{[illegible] + j_{sa} - D - j_{sa}^{ik})}^{(j_i + [illegible] - s - 1)} \sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$Q6; \sum_{n_i=[illegible]}^{[illegible]} \sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{([illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

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

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

$$\sum_{j_i\text{[illegible]}^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(\text{[illegible]}\mathbf{l_{ik}}+\mathbf{n}+j_{s}\text{[illegible]}D-j_{sa}^{ik})}^{(\mathbf{l_i}\text{[illegible]}j_{sa}^{ik}+1)}\ \sum_{j_i=\mathbf{l_{ik}}+\text{[illegible]}-j_{sa}^{ik}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\text{[illegible]}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{\text{[illegible]}_k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n\text{[illegible]}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n\text{[illegible]}-j^{sa}\text{[illegible]}2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)} [illegible]$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+[illegible])}^{(\;)}\sum_{j_i=[illegible]\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+[illegible])}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=[illegible]+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{i[illegible]}-j^{sa}-\mathbb{k}_2[illegible])}^{(\;)}\sum_{[illegible]=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_{[illegible]}-s-Q31;)!}{[illegible]+j_i-[illegible]-Q31;-[illegible]_{a})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l}$ [illegible] $\mathbf{l} \wedge \mathbf{l_s} \leq$ [illegible] $-\,\mathbf{n}$ [illegible] $\wedge$

$D +$ [illegible] $+\, s - \mathbf{n} - \mathbf{l_i} +$ [illegible] $\leq \mathbf{l} \leq$ [illegible] $+\,\mathbf{l_{sa}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa} + 1 \wedge$

$1 \leq j_s \leq j_{i[illegible]} - j_{sa}^{ik} + 1 \wedge$ [illegible] $+\, j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} =$ [illegible] $+\, j_{sa} - s \wedge$ [illegible] $+\, s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

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

[illegible] $+\, s$ [illegible] $< \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \left\{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} \right. $$

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

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

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

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

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

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

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

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

$$ \left. \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \right) Q02; $$

$$ Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} \right. $$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

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

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

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

Q0[illegible] $$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - 1)!} \ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{sa}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

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

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

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

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

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

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\}$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

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

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

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j^s_{sa})! \cdot (\mathbf{n} + j^s_{sa} - j_s - s)!} \cdot$$

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

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

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

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s$ [illegible] $\mathbf{l_{sa}}$

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

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j^i_{sa} - 1 \wedge j^{ik}_{sa} < j_{sa} - 1 \wedge j^s_{sa} = j^{ik}_{sa} -$ [illegible]

$\mathbf{s}: \{Q3;, j^s_{sa}, \mathbb{k}_1, j^{ik}_{sa}, \cdots, \mathbb{k}_2, j_s$ [illegible] $, \mathbb{k}_3, j_{sa}$ [illegible] $4; \} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 =$ [illegible]

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

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

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\frac{(D-1)!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

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

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q00;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s} - \mathbf{l} + 1)}$$

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

$$\sum_{n_i = \dots}^{Q6;} \sum_{(n_{is} = \dots \Bbbk + Q8; - j_s + Q9;)}^{(\dots - j_s + 1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q0[illegible]$$

[illegible] 00; $\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}[illegible])}$ [illegible]

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

$$\sum_{n_i=Q7;+Q2[illegible]}^{[illegible]20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;)}^{(n_i-[illegible]Q23;+1)} \sum_{[illegible]+Q9;)\ n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{([illegible]j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

D [illegible] $\mathbf{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s$ [illegible] $\mathbf{n}-\mathbf{l_i}+1 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l}-1 \wedge$

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

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

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

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

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

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

$\mathbf{s}: \{\mathrm{Q3;}, , \mathrm{j^{s}_{sa}}, \mathbb{k}_1, \mathrm{j^{ik}_{sa}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j^{i}_{sa}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

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

$$ {}_{fz,C1;}^{A1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=[illegible]} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} $$

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

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;[illegible]+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}[illegible]\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{[illegible]+j_s-j[illegible]\mathbb{k}_1} $$

$$ \sum_{(n_{sa}[illegible]\mathbb{k}_3+Q8;-j[illegible]+Q9;)}^{(n_{ik}+j_{ik}-j[illegible]\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{[illegible]_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

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

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

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

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

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

$$ \frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j^{ik}_{sa} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot $$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s[illegible])}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s[illegible]-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}[illegible]-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{[illegible]-j_i-\mathbb{k}_3}$$

$$\frac{(n_s[illegible]j_i-j_s[illegible]-Q31;)!}{([illegible]+j_i-\mathbf{n}-Q[illegible]-j_{sa}^{s})!\cdot([illegible]+j_{sa}^{s}-j_s-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$\Big((D\geq\mathbf{n}<n\land\mathbf{l}[illegible]\mathbf{l}\land\mathbf{l_s}\leq D-[illegible]1\land$

$2[illegible]\mathbf{l}\leq D+[illegible]+s-\mathbf{n}[illegible]\land$

$1\leq[illegible]\leq j_{ik}-j_{sa}^{ik}+[illegible]\land j_s+j[illegible]\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\land$

$j^{sa}=j_i[illegible]-s\land j^{sa}[illegible]-j_{sa}\leq j_i\leq\mathbf{n}\land$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1[illegible]\land\mathbf{l}[illegible]j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\land\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\land$

$D[illegible]s-[illegible]\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa})\lor$

$(D\geq\mathbf{n}<[illegible]\land\mathbf{l}\neq{}_{i}\mathbf{l}\land\mathbf{l_s}\leq D-\mathbf{n}+1\land$

$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\land$

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

$j^{sa}=j_i+j_{sa}-s\land j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\land$

$\mathbf{l_i}-s+1>\mathbf{l_s}\land$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}})\big) \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

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

$\mathbf{s}: \{\mathrm{Q3;}, , \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

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

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}}^{[illegible]} \sum_{(j_s [illegible])}^{(j_{[illegible]}-j_{sa}^{ik}+1)} \right.$$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{[illegible]_k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{[illegible]_s+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n[illegible]=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{([illegible]j_{ik}-j^{sa}[illegible])} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

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

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

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

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

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

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

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}\text{[illegible]})}^{(\;)}\sum_{\text{[illegible]}=\mathbf{l_s}+\text{[illegible]}\mathbf{l}+1}^{\mathbf{l_{ik}}\text{[illegible]}-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j\text{[illegible]})}^{(n_i-j_s+1)}\sum_{(n_{ik}=\mathbf{n}+\Bbbk_2+\text{[illegible]}Q8;-j_{ik}+Q9;)}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+\text{[illegible]}-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q02;$$

$$Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right.$$

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q6;$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

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

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q6 \text{[illegible]}$$

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

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

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

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

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

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j^{ik}_{sa}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j^{ik}_{sa}+1)!}\cdot$$

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

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+\text{[illegible]}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8\text{[illegible]}+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ \text{Q[illegible]}$$

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

$$\frac{(n_{is}-n\text{[illegible]}-1)!}{(j_{ik}-\text{[illegible]}\cdot(n_{is}+\text{[illegible]}-n_{ik}-j_{ik})!}\cdot$$

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

$$\frac{(n_{sa}\text{[illegible]}n_s-\mathbb{k}_3\text{[illegible]}1)!}{(j\text{[illegible]}j^{sa}-1)!\cdot(\text{[illegible]}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

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

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

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8\text{[illegible]}j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q\text{[illegible]}$$

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

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

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

$$\frac{(n_{sa} \text{[illegible]} n_s - \mathbb{k}\text{[illegible]} 1)!}{(\text{[illegible]} j^{sa} - 1)! \cdot (\text{[illegible]} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q6\text{[illegible]} \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

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

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-[illegible]}$$

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

$$\frac{(n_s+j_i-j_s-s-[illegible])!}{(n_s+j_i-\mathbf{n}-Q31;-j^{sa}[illegible])!\cdot(\mathbf{n}+j_{sa}[illegible]-s)!}\cdot$$

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

$$\frac{(D-\mathbf{l_i})!}{([illegible]+j_i-\mathbf{n}[illegible]\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$\Big((D\geq\mathbf{n}<n\land\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\land\mathbf{l_s}\leq D-\mathbf{n}+1$ [illegible]

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1\leq\mathbf{l}\leq$ [illegible] $+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+$ [illegible] $\land$

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

$j^{sa}=j_i+j_{sa}-s\land j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\land$

$\mathbf{l_{ik}}-$ [illegible] $+1>\mathbf{l_s}\land$ [illegible] $+j^{ik}_{sa}-j_{sa}>$ [illegible] $\land$ [illegible] $+j_{sa}-s>\mathbf{l_{sa}}\land$

D [illegible] $s-\mathbf{n}<\mathbf{l_i}$ [illegible] $D+\mathbf{l_{sa}}$ [illegible] $s-\mathbf{n}-j_{sa})\lor$

$(D$ [illegible] $\mathbf{n}<n\land\mathbf{l}\neq$ [illegible] $\mathbf{l_s}\leq D$ [illegible] $+1\land$

[illegible] $+\mathbf{l_s}+$ [illegible] $\mathbf{n}-\mathbf{l_i}+1$ [illegible] $\mathbf{l}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1\land$

$1\leq j_s\leq j_{ik}-$ [illegible] $j_s+j^{ik}_{sa}-1\leq j_{ik}\leq j^{sa}+j^{ik}_{sa}-j_{sa}\land$

$j^{sa}=j_i+$ [illegible] $-s\land j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\land$

[illegible] $-s+1$ [illegible] $\mathbf{l_s}\land$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa})\Big)\land$

$D\geq\mathbf{n}<n\land Q2;\land$

$j_{sa}<j^{i}_{sa}-1\land j^{ik}_{sa}<j_{sa}-1\land j^{s}_{sa}=j^{ik}_{sa}-1\land$

$\mathbf{s}\colon\big\{Q3;,j^{s}_{sa},\mathbb{k}_1,j^{ik}_{sa},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j^{i}_{sa},Q4;\big\}\land$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} \right. $$

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

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\dots\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\dots} $$

$$ \sum_{(n_{sa}=\dots\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}\dots Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

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

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

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

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

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

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

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

$$ \left. \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \right) Q02; $$

$$Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

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

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

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

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

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

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

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

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\;)}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\;)}\sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_s+\mathbf{n}-s-Q3\ldots)!}{(n_s-j_i-\mathbf{n}-Q3\ldots-j_{sa}^{s})!\cdot(\ldots-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$\Big((D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+2\leq\mathbf{l}<{}_{\mathbf{i}}\mathbf{l}-1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j^{ik}+1>\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa})\vee$

$(D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+2\leq\mathbf{l}\leq{}_{\mathbf{i}}\mathbf{l}-1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_i}-s+1>\mathbf{l_s}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa})\Big)\wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3; , j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4; \} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=1} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} $$

$$ \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

$$ \frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot $$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+[illegible])}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=[illegible])}^{(\ )}\ \sum_{j_i=[illegible]\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+[illegible]Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=[illegible]+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=[illegible]-j^{sa}-[illegible])}^{([illegible]}\ \sum_{[illegible]=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-[illegible]-s-Q31;)!}{[illegible]+j_i-[illegible]-Q31;-[illegible])!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\land\mathbf{l}[illegible]\mathbf{l}\land\mathbf{l_s}[illegible]-\mathbf{n}+[illegible]\land$

$2\leq[illegible]D+\mathbf{l_{ik}}+s-[illegible]-\mathbf{l_i}-[illegible]_{sa}+1\land$

$1\leq j_s\leq j[illegible]-j_{sa}^{ik}+1\land[illegible]+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\land$

$j^{sa}=[illegible]+j_{sa}-s[illegible]+s-j_{sa}\leq j_i\leq\mathbf{n}\land$

$\mathbf{l_{ik}}-j_{sa}^{ik}+[illegible]=\mathbf{l_s}\land\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\land\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\land$

$[illegible]+s[illegible]\leq\mathbf{l_i}\leq D+\mathbf{l_{ik}}+s-\mathbf{n}-j_{sa}^{ik}\land$

$D\geq\mathbf{n}<n\land Q2;\land$

$j_{sa}<j_{sa}^{i}-1\land j_{sa}^{ik}<j_{sa}-1\land j_{sa}^{s}=j_{sa}^{ik}-1\land$

$\mathbf{s}:\{Q3;,,j_{sa}^{s},\Bbbk_1,j_{sa}^{ik},\cdots,\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i},Q4;\}\land$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02; $$

$$ Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q0$$

$$\frac{(n_i-j_s-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^s_{sa})!\cdot(\mathbf{n}+j^s_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-[illegible])!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-[illegible])!}\ Q044;$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \land \mathbf{l_s} \leq D-\mathbf{n}+1 \land$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j^{ik}_{sa}+2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l}-1 \land$

$1 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \land j_s+j^{ik}_{sa}-1 \leq j_{ik} \leq j^{sa}+j^{ik}_{sa}-[illegible] \land$

$j^{sa} = j_i+j_{sa}-s \land j^{sa}+s-j_{sa} \leq j_i [illegible] \mathbf{n} \land$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1 = \mathbf{l_s} \land \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa} > [illegible] \land \mathbf{l_i}+j_{sa}-s-[illegible] \land$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-j^{ik}_{sa} \land$

$D \geq \mathbf{n} < n \land Q2;\land$

$j_{sa} < j^{i}_{sa}-1 \land j^{ik}_{sa} < j_{sa}-1 \land j^{s}_{sa} = j^{ik}_{sa}-1 \land$

$\mathbf{s}: \{Q3;, j^s_{sa}, \Bbbk_1, j^{ik}_{sa}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}, Q4;\} \land$

$s \geq 6 \land \mathbf{s} = [illegible] + Q5;\land$

$\Bbbk_z: z = 3 \land \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q03;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} \ \mathrm{Q044;}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq \ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} - \mathrm{j_{sa}^{ik}} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}} - 1 \wedge$

$\mathbf{s}\colon \{\mathrm{Q3;}, , \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z\colon z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{\mathrm{A1;}}_{\mathrm{fz,C1;}}\mathrm{S}^{\mathrm{B1}}_{\Rightarrow \mathrm{j_s,j_{ik},j^{sa},j_i,D1;}} = \mathrm{Q00;}\left(\sum_{\mathrm{k}=\mathbf{l}} \ \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )} \right.$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}+1}^{\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \ \sum_{(\mathrm{j^{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{(\mathbf{l_{ik}}+\mathrm{j_{sa}}-\mathbf{l}-\mathrm{j_{sa}^{ik}}+1)} \ \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}}^{\mathrm{Q6;}} \ \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \ \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \ \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3} \ \mathrm{Q05;}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n} \text{ [illegible]})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}} \text{ [illegible]})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik} \text{ [illegible]} j_{sa})!}\cdot$$

$$\frac{(\text{[illegible]}-\mathbf{l_i})!}{(\text{[illegible]}-\mathbf{n}-\text{[illegible]})!\cdot(\mathbf{n}-j_i)!}$$

$$\text{[illegible]}\sum_{\text{[illegible]}=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{\text{[illegible]})}$$

$$\sum_{j_{ik}=j_{sa}^{\text{[illegible]}}}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(\text{[illegible]}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{\text{[illegible]}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\text{[illegible]}}^{Q6;}\ \sum_{(n_{is}=\text{[illegible]}\mathbb{k}+Q8;-j_s+Q9;)}^{\text{[illegible]}-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\text{Q02;}$$

$$\text{Q00;}\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}\right.$$

$$\sum_{j_{ik}=[illegible]}^{j^{sa}+j^{ik}_{sa}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+[illegible])}^{(\mathbf{l_i}+[illegible]j_{sa}-D-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{[illegible]1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-[illegible]Q9;)}^{(n[illegible]j_s+1)}\ \sum_{n_{ik}=[illegible]\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{[illegible]}$$

$$\sum_{(n_{sa}=[illegible]\Bbbk_3+Q8;-[illegible]+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}[illegible])}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\ \text{Q05;}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\text{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j^{ik}_{sa}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-\ldots)!}{(n_s+j_i-\mathbf{n}-Q31;-j_s\ldots)!\cdot(\mathbf{n}+j^{s}_{sa}\ldots-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(j_s\ldots-\mathbf{l}+\ldots)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j^{ik}_{sa}\ldots 1 \wedge$

$1 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \wedge j_s\ldots j^{ik}_{sa}-1 \leq j_{ik}-j^{sa}+j^{ik}_{sa}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s} \wedge \ldots+j^{ik}_{sa}-j_{sa} > \ldots \wedge \mathbf{l}\ldots j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D\ldots s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{ik}}\ldots s-\mathbf{n}-j^{ik}_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

$j_{sa} < j^{i}_{sa}\ldots 1 \wedge j^{ik}_{sa} < j_{sa}\ldots 1 \wedge j^{s}_{sa}=j^{ik}_{sa}-1 \wedge$

$\mathbf{s}\colon \{Q3;, j^{s}_{sa}, \Bbbk_1, j^{ik}\ldots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s}\ldots s+Q5;\wedge$

$\Bbbk_z\colon z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q0$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{i\text{[illegible]}})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-\text{[illegible]}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n\text{[illegible]}-\Bbbk_3-\text{[illegible]})!}{(j_i-j^{sa}-1)!\cdot(n_{sa}\text{[illegible]}{}^{sa}-n_s-j_i-\text{[illegible]})!}\cdot$$

$$Q\text{[illegible]}\frac{(n\text{[illegible]}1)!}{(n_s+j\text{[illegible]}\mathbf{n}-\text{[illegible]})!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\text{[illegible]}\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s\text{[illegible]}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l}\text{[illegible]}-j^{sa}-\mathbf{l_{ik}}\text{[illegible]})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2 \leq \mathbf{l} \leq \ _{\mathbf{i}}\mathbf{l}-1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}-1 \wedge$

$\boldsymbol{s}\colon \{Q3;,j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+Q5;\wedge$

$\mathbb{k}_z\colon z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{j_s,j_{ik},j^{sa},j_i,D1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\ [illegible]}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-[illegible])!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)[illegible](j_s-2)!}$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}[illegible])!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})[illegible](j^{sa}+j_{sa}^{ik}[illegible]j_{sa})!}\cdot$$

$$\frac{(D-[illegible])!}{([illegible]\mathbf{n}-\mathbf{l_i})![illegible]\mathbf{n}-j_i)!}\ Q0[illegible]$$

$$Q[illegible]0;\sum_{[illegible]=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{[illegible])}$$

$$\sum_{[illegible]=j^{sa}+j_{sa}^{ik}[illegible]}\ \sum_{([illegible]+\mathbf{n}+j_{sa}-D-s)}^{[illegible]+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{[illegible]Q7;+Q[illegible]}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\land\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\land\mathbf{l_s}\leq D-\mathbf{n}+1\land$

$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\land$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\land j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\land$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}\text{: } \left\{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_\mathrm{z}\text{: } \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{\mathrm{fz,C1;}}^{\mathrm{A1;}}\mathrm{S}_{\Rightarrow \mathrm{j_s}}^{\mathrm{B1;}}{}_{,\mathrm{j_{ik}},\text{[illegible]}\,\mathrm{j_i},\text{[illegible]}} = \mathrm{Q00;} \sum_{\text{[illegible]}} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + \text{[illegible]})} $$

$$ \sum_{\text{[illegible]}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{s}}\text{[illegible]}+\mathbf{n}+\mathrm{j_{sa}}-\text{[illegible]}-\mathrm{s})}^{(\mathbf{l_s}\text{[illegible]}-\mathbf{l})} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}} $$

$$ \sum_{\mathrm{n_i}=\mathrm{Q7;}} \sum_{(\mathrm{n_{is}}\text{[illegible]}\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{(\text{[illegible]}\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} $$

$$ \sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3} \mathrm{Q05;} $$

$$ \frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot $$

$$ \frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot $$

$$ \frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - \mathbb{k}_2 - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(\mathrm{n_{sa}} - \mathrm{n_s} - \mathbb{k}_3 - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i} - \mathbb{k}_3)!} \cdot $$

$$ \mathrm{Q06;} \frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot $$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;)}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q04;$$

$$\text{Q000;} \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-\text{[illegible]}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}\text{[illegible]}-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\text{[illegible]})}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_s+\text{[illegible]}-s-Q3\text{[illegible]})!}{(n_s\text{[illegible]}j_i-\mathbf{n}-Q3\text{[illegible]}j_{sa}^{s})!\cdot(\text{[illegible]}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\text{[illegible]}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\text{[illegible]}D-\mathbf{l_i})!}{(D+j_i-\text{[illegible]}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ \text{Q044;}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq$ [illegible] $-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1 \leq \mathbf{l} \leq$ [illegible] $-1 \wedge$

$1 \leq j_s$ [illegible] $j_{ik}-j_{sa}^{ik}+$ [illegible] $\wedge j_s+j_{sa}^{ik}-1 \leq$ [illegible] $j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

j^{s} [illegible] $= j_i+j_{sa}-$ [illegible] $\wedge j^{sa}+$ [illegible] $j_{sa} \leq j_i$ [illegible] $\mathbf{n} \wedge$

$\mathbf{l_{ik}}$ [illegible] $+1 > \mathbf{l_s} \wedge$ [illegible] $+j_{sa}^{ik}-$ [illegible] $= \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

[illegible] $+s-$ [illegible] $\mathbf{l_i} \leq D+\mathbf{l}$ [illegible] $s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge$ Q [illegible]

$j_{sa} < j_{sa}^{i}$ [illegible] $\wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s} = j_{sa}^{ik}-1 \wedge$

[illegible] $\{Q3;, j^{s}$ [illegible] $\Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;$

$j_s < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}\colon \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$\mathbb{k}_z\colon z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q0\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{[illegible] - 1)!}{(n_s + j_i - \mathbf{n} - [illegible])! \cdot ([illegible] - j_i)!} \cdot$$

$$\frac{([illegible] - \mathbf{l} - 1)!}{([illegible] - j_s - \mathbf{l} [illegible] 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j[illegible] - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - [illegible] - \mathbf{l_{ik}})! \cdot ([illegible]^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\left. \frac{(D - \mathbf{l_i} [illegible])!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \right) Q02;$$

$$Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{(\ )} \right.$$

$$\sum_{j_{ik} = j^{ik}_{sa} + 1}^{j^{sa} + j^{ik}_{sa} - j_{sa}} \sum_{(j^{sa} = \mathbf{l_{sa}} + \mathbf{n} - D)}^{(\mathbf{l_i} + \mathbf{n} + j_{sa} - D - s - 1)} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_i} - \mathbf{l} + 1}$$

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \Bbbk + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \Bbbk_2 + \Bbbk_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \Bbbk_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s\ \text{[illegible]})!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}\ \text{[illegible]}_k-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}\ \text{[illegible]}\ s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}}\ \text{[illegible]})!\cdot(j_i+j_{sa}\ \text{[illegible]}-s)!}\cdot$$

$$\frac{(\text{[illegible]}-\mathbf{l_i})!}{(\text{[illegible]}\ j_i-\mathbf{n}\ \text{[illegible]})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{\text{[illegible]}=\mathbf{l}}^{\text{[illegible]}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{\text{[illegible]})}$$

$$\sum_{\text{[illegible]}=j_{sa}^{ik}+1}^{\text{[illegible]}\ j_{sa}^{ik}-j_{sa}}\ \sum_{\text{[illegible]}\ \mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}\ \text{[illegible]}_a-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=\text{[illegible]}}^{Q6;}\ \sum_{(n_{is}\ \text{[illegible]}\ \mathbb{k}+Q8;-j_s+Q9;)}^{\text{[illegible]}-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l_{ik}}-\mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathrm{j^{sa}}-\mathbf{l_{ik}})!\cdot(\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{ik}}-\mathrm{j_{sa}})!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathrm{j^{sa}}+\mathbf{l_i}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-[illegible])!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}$$

$$\sum_{k=\mathbf{l}}^{[illegible]}\;\sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}[illegible])}^{([illegible]}$$

$$\sum_{\mathrm{j_{ik}}=[illegible]+1}^{\mathbf{l_s}+\mathrm{j_{sa}^{ik}}[illegible]}\;\sum_{(\mathrm{j^{sa}}=[illegible]_{sa}-\mathbf{l}+1)}^{[illegible]-\mathbf{l}+1)}\;\sum_{\mathrm{j_i}=\mathrm{j}[illegible]-\mathrm{j_{sa}}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}}^{\mathrm{Q6;}}\;\sum_{(\mathrm{n_{is}}=[illegible]+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+1)}\;\sum_{[illegible]_{k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{[illegible]+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n}[illegible]=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n}[illegible]-\mathrm{j^{sa}}[illegible]_2)}\;\sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}\quad\mathrm{Q05;}$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}})!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-\mathbb{k}_2-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}}-\mathbb{k}_2)!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-\mathbb{k}_3-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i}-\mathbb{k}_3)!}\cdot$$

$$\mathrm{Q06;}\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l_{ik}}-\mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathrm{j^{sa}}-\mathbf{l_{ik}})!\cdot(\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{ik}}-\mathrm{j_{sa}})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1\ldots}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-\ldots}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{\ldots j^{sa}\ldots-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\ldots Q8;\ldots)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=\ldots+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}\ldots-j^{sa}-\mathbb{k}_2\ldots}^{(\ )}\ \sum_{\ldots=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_{\ldots}-s-Q31;)!}{(\ldots+j_i-\ldots-Q31;-\ldots_{sa})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\ldots\mathbf{l}\wedge\mathbf{l_s}\leq\ldots-\mathbf{n}\ldots\wedge$

$D+\ldots+s-\mathbf{n}-\mathbf{l_i}\ldots_{a}^{ik}+2\leq\mathbf{l}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1\wedge$

$1\leq j_s\leq j_{ik}\ldots j_{sa}^{ik}+1\wedge\ldots+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=\ldots+j_{sa}-s\wedge j\ldots+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+\ldots=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$\ldots<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j_{sa}^{i}-1\wedge j_{sa}^{ik}<j_{sa}-1\wedge j_{sa}^{s}=j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{Q3;,,j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}\right.
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot
$$

$$
\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot
$$

$$
Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot
$$

$$
\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;
$$

$$
Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}\right.
$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+\text{[illegible]}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8\text{[illegible]}+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0\text{[illegible]}$$

$$\frac{(n_i \text{[illegible]} - 1)!}{(j_s - 2\text{[illegible]}(n_i - n_{is} \text{[illegible]} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{\text{[illegible]}} - 1)!}{(j_{ik} - \text{[illegible]}(n_{is} + j_{\text{[illegible]}} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n\text{[illegible]} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - \text{[illegible]}(n_{ik} + \text{[illegible]} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} \text{[illegible]} n_s - \mathbb{k}_3 \text{[illegible]} 1)!}{(j_i \text{[illegible]} j^{sa} - 1)! \cdot (\text{[illegible]} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}\ [illegible]\ -n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-[illegible]-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-[illegible]-1)!}{(j_i-[illegible]-1)!\cdot([illegible]+j^{sa}-[illegible]-\Bbbk_3)!}\cdot$$

$$Q0[illegible]\frac{(n_s-1)!}{([illegible]+j_i-[illegible]-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{([illegible]-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+[illegible]-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{s}_{sa})!\cdot(\mathbf{n}+j^{s}_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\ _{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\wedge$

$1\leq j_s\leq j_{ik}-j^{ik}_{sa}+1\wedge j_s+j^{ik}_{sa}-1\leq j_{ik}\leq j^{sa}+j^{ik}_{sa}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1>\mathbf{l_s}\wedge\mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j^{i}_{sa}-1\wedge j^{ik}_{sa}<j_{sa}-1\wedge j^{s}_{sa}=j^{ik}_{sa}-1\wedge$

$\mathbf{s}:\{Q3;,j^{s}_{sa},\Bbbk_1,j^{ik}_{sa},\cdots,\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j^{i}_{sa},Q4;\}$

$s\geq 6\wedge\mathbf{s}=\Bbbk+Q5;\wedge$

$\Bbbk_z:z=3\wedge\Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3\Rightarrow$

$$_{fz,C1;}^{A1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}=Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j^{ik}_{sa}+1)}\right.$$

$$\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-j_{sa}}^{\text{[illegible]}}\ \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + \ldots)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(\ldots - \mathbf{l_i})!}{(D + \ldots - \mathbf{n} - \mathbf{l_i})! \cdot \ldots j_i)!} +$$

$$\sum \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+\ldots)}$$

$$\sum_{j_{ik}=\ldots+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l}\ldots+j_{sa}-D-s)}^{(\mathbf{l_s}+j_s\ldots)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;} \sum_{(n_{is}=\ldots\Bbbk+Q8;-j_s+Q9;)}^{(\ldots j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\text{[illegible]})!}+$$

$$\sum_{k=\text{[illegible]}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_s\text{[illegible]}}\ \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+\text{[illegible]}}^{\left(\mathbf{l_{ik}}+j_{sa}\text{[illegible]}-j_{sa}^{ik}+1\right)}\ \sum_{\text{[illegible]}=j^{sa}+s-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;\text{[illegible]}+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}\text{[illegible]}\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j\text{[illegible]}\mathbb{k}_1}$$

$$\sum_{(n_{sa}\text{[illegible]}\mathbb{k}_3+Q8;-j\text{[illegible]}+Q9;)}^{(n_{ik}+j_{ik}-j\text{[illegible]}\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{\text{[illegible]}_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\right)\ \mathrm{Q04;}$$

$$\mathrm{Q000;}\sum_{\mathrm{k}=\mathbf{l}}\ \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}}\ \sum_{(\mathrm{j^{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathbf{l})}\ \sum_{\mathrm{j}\text{[illegible]}\mathrm{sa}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}+\mathrm{Q22;}}^{\mathrm{Q20;}}\ \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}\text{[illegible]}\mathrm{9;})}^{(\mathrm{n_i}-\mathrm{j_s}-\mathrm{Q23;}+1)}\ \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}\text{[illegible]}\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}+\text{[illegible]}\mathrm{j^{sa}}-\mathbb{k}_2)}^{(\ )}\ \sum_{\text{[illegible]}\mathrm{a}-\mathrm{j_i}-\mathbb{k}_3}$$

$$\frac{(\mathrm{n_s}\text{[illegible]}\mathrm{j_i}-\mathrm{j_s}-\text{[illegible]}-\mathrm{Q31;})!}{(\text{[illegible]}+\mathrm{j_i}-\mathbf{n}-\mathrm{Q}\text{[illegible]}-\mathrm{j_{sa}^{s}})!\cdot\text{[illegible]}+\mathrm{j_{sa}^{s}}-\mathrm{j_s}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l}\text{[illegible]}\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q044;}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq \text{[illegible]} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + \text{[illegible]} \wedge$

$\mathrm{D}\text{[illegible]}\mathbf{l_s} + \mathrm{s} - \text{[illegible]} - \mathbf{l_i} + \text{[illegible]}\ \mathbf{l} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} - \mathrm{j_{sa}} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}}\text{[illegible]} \wedge \mathrm{j_s} + \text{[illegible]} \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i}\text{[illegible]}\mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}}\text{[illegible]}\mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1\text{[illegible]}\mathbf{l_s} \wedge \mathbf{l_s}\text{[illegible]}\mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D}\text{[illegible]}\mathrm{s} - \text{[illegible]} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n}\text{[illegible]}\mathrm{Q2;} \wedge$

$\mathrm{j_{sa}}\text{[illegible]}\mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}\colon \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z\colon \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s}^{B1;}{}_{,j_{ik},j^{sa},j_i,D1;} = Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right. $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\ \sum_{j_i=j^{sa}+s-[illegible]} $$

$$ \sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot $$

$$ \left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02; $$

$$ Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right. $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1} $$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_{ik}}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_{sa}+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q[illegible]\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q044;$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \land \mathbf{l_s} \leq D - \mathbf{n} + 1 \land$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \land$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \land j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \land$

$j^{sa} = j_i + j_{sa} - s \land j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \land \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \land$

$D \geq \mathbf{n} < n \land Q2; \land$

$j_{sa} < j_{sa}^{i} - 1 \land j_{sa}^{ik} < j_{sa} - 1 \land j_{sa}^{s} = j_{sa}^{ik} - 1$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}^{i}, \mathbb{k}_3, j_{sa} Q4;\} \land$

$s \geq 6 \land \mathbf{s} = s + Q5; \land$

$\mathbb{k}_z: z = 3 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = \mathbf{l_{ik}} + \mathbf{n} - D}^{j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)}^{(\mathbf{l_s} + j_{sa} - \mathbf{l})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\ldots)!}\cdot$$

$$\text{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\ldots\mathbf{l}-1)!}{(\mathbf{l_s}-\ldots-\mathbf{l}+1)!\cdot(\ldots-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_s\ldots+1)!}{(j_s+\mathbf{l_{ik}}-\ldots)!\cdot(j_{ik}\ldots-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s\ldots-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-\ldots-\mathbf{l_{ik}})!\cdot(\ldots{}^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\ldots)!}{(D+j_i\ldots\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\text{Q02;}$$

$$\text{Q00;}\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\ldots{}^{a}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\text{Q7;}}^{\ldots\text{;}}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+\text{Q8;}-j_s+\text{Q9;})}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\text{Q8;}-j_{ik}+\text{Q9;}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+\text{Q8;}-j^{sa}+\text{Q9;})}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+\text{Q8;}-j_i+\text{Q9;}}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\text{Q05;}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - [illegible])!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s [illegible] j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} [illegible])!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} [illegible] j_{sa})!} \cdot$$

$$\frac{(D [illegible])!}{([illegible])! \cdot (\mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q0[illegible];$$

$$Q00; \sum_{k=\mathbf{l}}^{[illegible]} \sum_{(j_s=2)}^{([illegible]-\mathbf{l}+1)}$$

$$\sum_{[illegible]=\mathbf{l_{ik}}+[illegible]}^{[illegible]-\mathbf{l}+1} \sum_{([illegible]+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_i}+[illegible]-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=[illegible]}^{Q6;} \sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{([illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q0[illegible]$$

[illegible]00; $\sum_{[illegible]k=\mathbf{l}}^{[illegible]} \sum_{(j_s=j_{ik}-j_{sa}^{ik}[illegible])}^{[illegible]}$

$[illegible]+j_{sa}-\mathbf{l})$

$\sum_{j_{ik}=j^{sa}+j_{s}[illegible]_{sa}} \sum_{(j^{sa}=\mathbf{l}[illegible]+j_{sa}-D-s)} \sum_{j_i=j[illegible]+s-j_{sa}}$

$\sum_{n_i=Q7;+Q2[illegible]}^{[illegible]20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;[illegible]+Q9;)}^{(n_i-j[illegible]Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$

$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{([illegible]} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{([illegible]j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D > [illegible]\mathbf{n} \wedge \mathbf{l} \neq {}_{i}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s[illegible]\mathbf{n}-\mathbf{l_i}+1 \leq \mathbf{l} \leq {}_{i}\mathbf{l}-1 \wedge$

$1 [illegible] j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, , \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{\mathrm{fz,C1;}}^{\mathrm{A1;}}\mathrm{S}_{\Rightarrow \mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i},\mathrm{D1;}}^{\mathrm{B1;}} = \mathrm{Q00;} \sum_{\mathrm{k=}\text{[illegible]}} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}
$$

$$
\sum_{\mathrm{j_{ik}}=\mathbf{l_{ik}}+\mathbf{n}-\text{[illegible]}}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{\text{[illegible]}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\text{[illegible]})}^{(\mathbf{l_i}+\mathrm{j}\text{[illegible]}\mathbf{l}-\mathrm{s}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}
$$

$$
\sum_{\mathrm{n_i}=\mathrm{Q7;}}^{\mathrm{Q6;}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}+\mathrm{Q8;}\text{[illegible]}+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}\text{[illegible]}\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\text{[illegible]}+\mathrm{j_s}-\text{[illegible]}\mathbb{k}_1}
$$

$$
\sum_{(\mathrm{n_{sa}}\text{[illegible]}\mathbb{k}_3+\mathrm{Q8;}-\text{[illegible]}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}\text{[illegible]}\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\text{[illegible]}\mathrm{_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3} \mathrm{Q05;}
$$

$$
\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)! \cdot (\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!} \cdot
$$

$$
\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)! \cdot (\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}})!} \cdot
$$

$$
\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-\mathbb{k}_2-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)! \cdot (\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}}-\mathbb{k}_2)!} \cdot
$$

$$
\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-\mathbb{k}_3-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)! \cdot (\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i}-\mathbb{k}_3)!} \cdot
$$

$$
\mathrm{Q06;} \frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)! \cdot (\mathbf{n}-\mathrm{j_i})!} \cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)! \cdot (\mathrm{j_s}-2)!} \cdot
$$

$$
\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-\mathrm{j_{sa}^{ik}}+1)!}{(\mathrm{j_s}+\mathbf{l_{ik}}-\mathrm{j_{ik}}-\mathbf{l_s})! \cdot (\mathrm{j_{ik}}-\mathrm{j_s}-\mathrm{j_{sa}^{ik}}+1)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l_{ik}}-\mathrm{j_{sa}})!}{(\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathrm{j^{sa}}-\mathbf{l_{ik}})! \cdot (\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{ik}}-\mathrm{j_{sa}})!} \cdot
$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s-Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$\Big((D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1>\mathbf{l_s}\wedge\mathbf{l_i}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa})\vee$

$(D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_i}-s+1>\mathbf{l_s}\wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}}))\wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\}\wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s\text{[illegible]})}^{(j\text{[illegible]}j_{sa}^{ik}+1)} \right. $$

$$ \sum_{j_{ik}=\mathbf{l}\text{[illegible]}-D}^{j^{sa}+j_{sa}^{ik}-j\text{[illegible]}} \sum_{(j^{sa}=\text{[illegible]}n+j_{sa}-D-s)}^{(\mathbf{l}_s+j_{sa}-\mathbf{l})} \sum_{j_i\text{[illegible]}s-j_{sa}}^{\text{[illegible]}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}\text{[illegible]}\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{\text{[illegible]}_k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}_s+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n\text{[illegible]}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(\text{[illegible]}+j_{ik}-j^{sa}\text{[illegible]})} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\sum_{j_i=j_{ik}+j^{sa}-j_{ik}-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_i+Q9;)}^{(n_i-j_s+1)}\sum_{(n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;)}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j\text{[illegible]}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q\text{[illegible]}-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{\text{[illegible]}=\mathbf{n}+Q8;-j_i+Q\text{[illegible]}}^{\text{[illegible]}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q6;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+[illegible]}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8[illegible]+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q6[illegible]$$

$$\frac{(n_i [illegible] - 1)!}{(j_s - 2[illegible] \cdot (n_i - n_{is} [illegible] + 1)!} \cdot$$

$$\frac{(n_{is} - n[illegible] - 1)!}{(j_{ik} - [illegible] \cdot (n_{is} + [illegible] - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - [illegible] - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - [illegible] \cdot (n_{ik} + [illegible] - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} [illegible] n_s - \mathbb{k}_3 [illegible] 1)!}{(j[illegible] j^{sa} - 1)! \cdot (n[illegible] + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0\text{[illegible]}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\text{[illegible]}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}\text{[illegible]}^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s\text{[illegible]}31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{s}\text{[illegible]})!\cdot(\mathbf{n}+j_{sa}\text{[illegible]}-s)!}\cdot$$

$$\frac{(\text{[illegible]}\mathbf{l}-1)!}{(\text{[illegible]}j_s-\mathbf{l}+\text{[illegible]})!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(\text{[illegible]}+j_i-\mathbf{n}\text{[illegible]}\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$\Big((D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1$ [illegible]

$D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} + 1 \leq \mathbf{l} \leq$ [illegible] $+ s -$ [illegible] $\mathbf{l_i} - j_{sa} +$ [illegible] $\wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s$ [illegible] $- 1 \leq j_{ik}$ [illegible] $+ j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa}$ [illegible] $j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} -$ [illegible] $+ 1 > \mathbf{l_s} \wedge$ [illegible] $+ j_{sa}^{ik} - j_{sa} >$ [illegible] $+ j_{sa} - s > \mathbf{l_{sa}} \wedge$

D [illegible] $s - \mathbf{n} < \mathbf{l_i}$ [illegible] $D + \mathbf{l_{sa}}$ [illegible] $s - \mathbf{n} -$ [illegible] $) \vee$

$(D$ [illegible] $\mathbf{n} < n \wedge \mathbf{l} \neq$ [illegible] $\mathbf{l_s} \leq D$ [illegible] $+ 1 \wedge$

[illegible] $+ \mathbf{l_s} +$ [illegible] $\mathbf{n} - \mathbf{l_i} + 1$ [illegible] $\mathbf{l} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa} + 1 \wedge$

$1 \leq$ [illegible] $j_{ik} -$ [illegible] $j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

j^{sa} [illegible] $= j_i +$ [illegible] $- s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

[illegible] $- s + 1$ [illegible] $\mathbf{l_s} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa})\Big) \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} \right.
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$
Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\left. \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \right) Q02;
$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-[illegible]}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}[illegible]-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-[illegible])}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_s+[illegible]-s-Q3[illegible])!}{(n_s-j_i-\mathbf{n}-Q3[illegible]-j_{sa}^{s})!\cdot([illegible]-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-[illegible]+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{([illegible]D-\mathbf{l_i})!}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq [illegible] - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - [illegible] + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + [illegible] \wedge j_s + j_{sa}^{ik} - 1 \leq [illegible] j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{[illegible]} = j_i + j_{sa} - [illegible] \wedge j^{sa} + [illegible] j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} [illegible] j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge [illegible] + j_{sa}^{ik} - [illegible] > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$[illegible] + s - [illegible] \leq \mathbf{l_i} \leq D + \mathbf{l}[illegible] + s - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q[illegible]$

$j_{sa} < j_{sa}^{i} - [illegible] \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$[illegible]\{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{(n_{sa}+j^{sa}-j_i-\mathbb{k}_3)} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q0[illegible] \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+[illegible]-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\;)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{Q[illegible]44;}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s$ [illegible] $\mathbf{l_{sa}}$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} -$ [illegible] $\wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} -$ [illegible]

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_s$ [illegible] $, \mathbb{k}_3, j_{sa}$ [illegible] $4; \} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} =$ [illegible] $+ \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{A1;}_{C1;}S^{B1;}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} \right.$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s - 1} \sum_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-[illegible])!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)[illegible](\mathbf{n}-j_i)!}$$

$$\frac{([illegible]\mathbf{l}-1)[illegible]}{(\mathbf{l_s}[illegible]-\mathbf{l}+1)[illegible]-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}[illegible]j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}[illegible](j^{sa}+[illegible]-j_{ik}-j_{sa})!}$$

$$\frac{(D[illegible]}{(D+j[illegible]\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

$$\sum_{j_{ik}=[illegible]\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n[illegible]7;}^{Q6;[illegible]}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - [illegible])!} \cdot$$

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} [illegible] j_i)!}\right) Q0[illegible]$$

$$Q[illegible]; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik} [illegible])}^{[illegible]} \right.$$

$$\sum_{j_{ik}=[illegible]1}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D [illegible]} \sum_{(j^{[illegible]}+\mathbf{n}-D)}^{[illegible]-s-1)} \sum_{j_i=[illegible]+\mathbf{n}-D}^{[illegible]+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{[illegible]Q7;}^{Q6;} \sum_{(n_{is}=[illegible]+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{[illegible]_k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{[illegible]+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n[illegible]=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}[illegible]\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+\text{[illegible]}}^{(\ \ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)\ \text{[illegible]}}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{\text{[illegible]}\,s-\text{[illegible]}\,sa+2}^{\text{[illegible]}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{\text{[illegible]}}=\mathbf{n}+\mathbb{k}+Q8;-j_{\text{[illegible]}}\,\text{[illegible]}9;)}^{(n_i-j_s+1)}\ \sum_{\text{[illegible]}+\mathbb{k}_2+\mathbb{k}\text{[illegible]}8;-j_{ik}+Q9;}^{\text{[illegible]}_s+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q\text{[illegible]}\,j^{sa}+Q9;)}^{(\text{[illegible]}+j_{ik}-j^{sa}\text{[illegible]})}\ \sum_{\text{[illegible]}\,\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+\text{[illegible]}\,\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-\text{[illegible]})!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{\text{[illegible]}(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{\text{[illegible]}\,j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l}_i+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l}_{ik}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l}_{sa}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l}_i-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l}_s-\mathbf{l}-1)!}{(\mathbf{l}_s-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l}_{sa}+j_{sa}^{ik}-\mathbf{l}_{ik}-j_{sa})!}{(j_{ik}+\mathbf{l}_{sa}-j^{sa}-\mathbf{l}_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l}_i+j_{sa}-\mathbf{l}_{sa}-s)!}{(j^{sa}+\mathbf{l}_i-j_i-\mathbf{l}_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l}_i)!}{(D+j_i-\mathbf{n}-\mathbf{l}_i)!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-[illegible]}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}[illegible]j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s[illegible])!}{(n_s+j_i-\mathbf{n}-Q31;-j_s[illegible])!\cdot(\mathbf{n}+j_{sa}[illegible]-s)!}\cdot$$

$$\frac{([illegible]-\mathbf{l}-1)!}{([illegible]-\mathbf{l}+[illegible])!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{([illegible]+j_i-\mathbf{n}[illegible]\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$ [illegible]

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2\leq$ [illegible] $D+\mathbf{l_{sa}}$ [illegible] $-\mathbf{n}-\mathbf{l_i}$ [illegible] $_{sa}+1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s$ [illegible] $j_{sa}^{ik}-1\leq j_{ik}$ [illegible] $j^{sa}+j_{sa}$ [illegible] $_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}$ [illegible] $j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j^{ik}$ [illegible] $+1=\mathbf{l_s}$ [illegible] $+j_{sa}^{ik}-j_{sa}>$ [illegible] $\wedge\mathbf{l}$ [illegible] $j_{sa}-s>\mathbf{l_{sa}}\wedge$

D [illegible] $s-\mathbf{n}<$ [illegible] $\leq D+\mathbf{l_s}$ [illegible] $+s-\mathbf{n}-j_{sa}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

[illegible] $_{sa}<j_{sa}^{i}$ [illegible] $1\wedge j_{sa}^{ik}<j_{sa}$ [illegible] $1\wedge j_{sa}^{s}=j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\mathbb{k}_1$ [illegible] ^{ik} [illegible] $,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$

s [illegible] $6\wedge$ [illegible] $s+Q5;\wedge$

$\mathbb{k}_z:z=3$ [illegible] $\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \text{[illegible]})!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{\text{[illegible]} - 1)!}{(n_s + j_i - \mathbf{n} - \text{[illegible]})! \cdot (\text{[illegible]} - j_i)!} \cdot$$

$$\frac{(\text{[illegible]} - \mathbf{l} - 1)!}{(\text{[illegible]} - j_s - \mathbf{l} \text{[illegible]} 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s \text{[illegible]} - \mathbf{l_{ik}} - j_{sa}) \text{[illegible]}}{(j_{ik} + \mathbf{l_{sa}} - \text{[illegible]} - \mathbf{l_{ik}})! \cdot (\text{[illegible]}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l} \text{[illegible]} j_{sa} - \mathbf{l_{sa}} \text{[illegible]} - s)!}{(\text{[illegible]}^{sa} + \mathbf{l_i} - j_i - \text{[illegible]})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\text{[illegible]} \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \Bigg) \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\;)}$$

$$\sum_{j_{ik} = \mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\;)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; + Q22;}^{Q20;} \sum_{(n_{is} = \mathbf{n} + \Bbbk + Q8; - j_s + Q9;)}^{(n_i - j_s - Q23; + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\;)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq\ _{\mathbf{i}}\mathbf{l} \land \mathbf{l_s} \leq D-\mathbf{n}+1 \land$

$2 \leq \mathbf{l} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1 \land$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \land j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \land$

$j^{sa}=j_i+j_{sa}-s \land j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \land \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \land$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-j_{sa}^{ik} \land$

$D \geq \mathbf{n} < n \land Q2; \land$

$j_{sa} < j_{sa}^{i}-1 \land j_{sa}^{ik} < j_{sa}-1 \land j_{sa}^{s}=j_{sa}^{ik}-1 \land$

$\mathbf{s}\text{:}\left\{Q3;,j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\right\} \land$

$s \geq 6 \land \mathbf{s}=s+Q5; \land$

$\mathbb{k}_z\text{:}\ z=3 \land \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1[illegible]j_s,j_{ik},j^{s[illegible]},j_i,D1;}^{[illegible]B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_i}+\mathbf{n}+[illegible]-D-s-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{[illegible];} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s\ [illegible])!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-[illegible]k-j_{sa})!}\cdot$$

$$\frac{(D\ [illegible])!}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot([illegible])!}Q02;$$

$$Q00;\sum_{[illegible]}\ \sum_{(j_s\ [illegible]-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j\ [illegible]\ \mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}\ [illegible]}\ \sum_{(j\ [illegible]=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+[illegible]\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}\ \sum_{(n_{is}=[illegible]\Bbbk+Q8;-j_s+Q9;)}^{([illegible]j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{[illegible]n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\quad Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)} \sum_{j_{sa}\ldots-j_{sa}}$$

$$\sum_{n_i=Q7;\ldots Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+Q8;\ldots)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=\ldots+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+\ldots-j^{sa}-\Bbbk_2)}^{(\;)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(\ldots + j_i - \ldots - Q31; - j_{sa})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ldots \mathbf{l} \wedge \mathbf{l_s} \leq \ldots - \mathbf{n} \ldots \wedge$

$2 \leq \mathbf{l} \ldots D + \mathbf{l_s} + s - \ldots - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge \ldots + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} \ldots j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + \ldots > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\ldots < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, , j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} $$

$$ \sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}-j_{ik}-\dots} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02; $$

$$ Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} $$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_i}+j_{sa}^{ik}-\mathbf{l}-s+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q0$$

$$\frac{(n_i-j_s-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^s)!\cdot(\mathbf{n}+j_{sa}^s-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} + 1 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\}$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_i}+j_{sa}^{ik}-\mathbf{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\text{ Q044;}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge$ Q2;$\wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}-1 \wedge$

$\mathbf{s}:\{$Q3;$,j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},$Q4;$\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+$Q5;$\wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1} = \text{Q00;}\left(\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\text{Q7;}}^{\text{Q6;}}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+\text{Q8;}-j_s+\text{Q9;})}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\text{Q8;}-j_{ik}+\text{Q9;}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+\text{Q8;}-j^{sa}+\text{Q9;})}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+\text{Q8;}-j_i+\text{Q9;}}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\text{Q05;}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\ [illegible])!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\ [illegible])!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}\ [illegible]\ j_{sa})!}\cdot$$

$$\frac{([illegible]-\mathbf{l_i})!}{([illegible]\ j_i-\mathbf{n}-[illegible])!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{[illegible]=\mathbf{l}}^{[illegible]}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{[illegible]}$$

$$\sum_{[illegible]\mathbf{l_i}+\mathbf{n}+j_{sa}[illegible]}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{[illegible]=j_{ik}+j_{sa}-j_{sa}^{ik})}^{[illegible]\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=[illegible]}^{Q6;}\ \sum_{(n_{is}=[illegible]\Bbbk+Q8;-j_s+Q9;)}^{[illegible]-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\text{[illegible]}2;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=j_{i}\text{[illegible]}j_{sa}^{ik}+1)}^{(\ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}\text{[illegible]}}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-\text{[illegible]})}^{(j_i\text{[illegible]}-s-1)}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+\text{[illegible]}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-\text{[illegible]}Q9;)}^{(n\text{[illegible]}j_s+1)}\sum_{n_{ik}=\text{[illegible]}\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\text{[illegible]}\mathbb{k}_3+Q8;-\text{[illegible]}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}\text{[illegible]})}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=\mathbf{l_{sa}}+j^{sa}-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=[illegible]+\Bbbk_2+\Bbbk_3+Q8;-[illegible]+Q9;}^{n_{is}+j_s-j_{ik}-[illegible]}$$

$$\sum_{(n_{sa}=[illegible]+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=[illegible]+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\Bigg) Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q30;+1)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{ik})!\cdot(\mathbf{n}+j_{sa}^{ik}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}+j_{sa}^{ik}-j_{ik}-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{i}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{ik}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_i} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge s=s+Q5; \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-[illegible])!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-[illegible]-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-[illegible]-s)!}\cdot$$

$$\frac{([illegible]-\mathbf{l_i})!}{([illegible]j_i-\mathbf{n}-[illegible])!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=\mathbf{l}}^{[illegible]}\ \sum_{(j_s=2)}^{([illegible]-\mathbf{l}+1)}$$

$$\sum_{[illegible]=\mathbf{l_s}+j_{sa}^{ik}[illegible]}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{([illegible])}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=[illegible]}^{Q6;}\ \sum_{(n_{is}=[illegible]+Q8;-j_s+Q9;)}^{([illegible]-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q0[illegible]$$

$$Q[illegible]00;\sum_{k=\mathbf{l}}^{[illegible]}\sum_{(j_s=j_{ik}-j_{sa}^{ik}[illegible])}^{[illegible]}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+[illegible]}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}[illegible]}\sum_{(j^{sa}[illegible]+j_{sa}-j_{sa}^{ik})}^{D-s}\sum_{j_i=j^{sa}+s-j_{sa}}^{(\;)}$$

$$\sum_{n_i=Q7;+Q2[illegible]}^{[illegible]20;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;)}^{(n_i-j_s-Q23;+1)}\sum_{[illegible]+Q9;)\,n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$D > \mathbf{n} [illegible] \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1 \leq \mathbf{l} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = Q00; \left(\sum_{k=\text{[illegible]}}^{\text{[illegible]}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} \right.$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}\text{[illegible]}}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-\text{[illegible]})}^{(\text{[illegible]})} \sum_{j_i=j^{sa}+s-j_{sa}}^{\text{[illegible]}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-\text{[illegible]}Q9;)}^{(n\text{[illegible]}j_s+1)} \sum_{n_{ik}=\text{[illegible]}\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}}$$

$$\sum_{(n_{sa}=\text{[illegible]}\mathbb{k}_3+Q8;-\text{[illegible]}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}\text{[illegible]})} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\left. \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \right) Q02;$$

$$\text{Q00;}\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \text{Q05;}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\text{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+\text{[illegible]}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8\text{[illegible]}+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q0\text{[illegible]}$$

$$\frac{(n_i \text{[illegible]} - 1)\text{[illegible]}}{(j_s - 2\text{[illegible]} \cdot (n_i - n_{is} \text{[illegible]} + 1)!}\cdot$$

$$\frac{(n_{is} - n\text{[illegible]} - 1)!}{(j_{ik} - \text{[illegible]} \cdot (n_{is} + \text{[illegible]} - n_{ik} - j_{ik})!}\cdot$$

$$\frac{(n_{ik} - \text{[illegible]} - \mathbb{k}_2 - \text{[illegible]}}{(j^{sa} - j_{ik} - \text{[illegible]} \cdot (n_{ik} + \text{[illegible]} - n_{sa} - j^{sa} - \mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa} \text{[illegible]} n_s - \mathbb{k}_3 \text{[illegible]} 1)!}{(j\text{[illegible]} j^{sa} - 1)! \cdot (\text{[illegible]} + j^{sa} - n_s - j_i - \mathbb{k}_3)!}\cdot$$

$$\text{[illegible]}\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}\cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}\cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!}\cdot$$

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^s)!\cdot(\mathbf{n}+j_{sa}^s-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l}-1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i-1 \wedge j_{sa}^{ik} < j_{sa}^i-1 \wedge j_{sa}^s = j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^s, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \mathbb{k}_3, j_{sa}^i, Q4;\} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

Q[illegible] $\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{\left(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}\right)!\cdot\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j^s_{sa})! \cdot (\mathbf{n} + j^s_{sa} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j^i_{sa} - 1 \wedge j^{ik}_{sa} < j_{sa} - 1 \wedge j^s_{sa} = j^{ik}_{sa} - 1 \wedge$

$\mathbf{s}: \{Q3;, j^s_{sa}, \Bbbk_1, j^{ik}_{sa}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik} - j^{ik}_{sa} + 1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j^{ik}_{sa}-D-s-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j^{ik}_{sa}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j^{ik}_{sa}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j^{ik}_{sa}-D-s}^{\mathbf{l_{ik}}+j^{ik}_{sa}-\mathbf{l}}\;\sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\;\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\;\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\;\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\;\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s \ldots)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s \ldots j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} \ldots)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} \ldots j_{sa})!} \cdot$$

$$\frac{(D - \ldots)!}{(\ldots)! \cdot (\mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q0\ldots;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\ldots-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+\ldots}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(\ldots=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ldots j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\ldots}^{Q6;} \sum_{(n_{is}=\ldots\Bbbk+Q8;-j_s+Q9;)}^{(\ldots-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-\mathrm{j_{sa}^{ik}}+1\right)!}{(\mathrm{j_s}+\mathbf{l_{ik}}-\mathrm{j_{ik}}-\mathbf{l_s})!\cdot(\mathrm{j_{ik}}-\mathrm{j_s}-\mathrm{j_{sa}^{ik}}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l_{ik}}-\mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathrm{j^{sa}}-\mathbf{l_{ik}})!\cdot(\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{ik}}-[illegible])!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q0}[illegible]$$

$$\mathrm{Q}[illegible]\mathrm{00;}\sum_{\Bbbk=\mathbf{l}}^{[illegible]}\ \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}[illegible])}^{[illegible]}$$

$$\sum_{\mathrm{j_{ik}}=\mathbf{l_i}+\mathbf{n}+[illegible]}^{\mathbf{l_s}+\mathrm{j_{sa}^{ik}}-\mathbf{l}[illegible]}\ \sum_{\mathrm{D}-\mathrm{s}\,(\mathrm{j^{sa}}[illegible]+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}})}^{(\ )}\ \sum_{\mathrm{j_i}=\mathrm{j}[illegible]+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}+\mathrm{Q2}[illegible]}^{[illegible]\mathrm{20;}}\ \sum_{\mathrm{n_{is}}=\mathbf{n}+\Bbbk+\mathrm{Q8;}[illegible]+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}[illegible]\mathrm{Q23;}+1)}\ \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\Bbbk_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\Bbbk_2)}\ \sum_{\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\Bbbk_3}$$

$$\frac{(\mathrm{n_s}+\mathrm{j_i}-\mathrm{j_s}-\mathrm{s}-\mathrm{Q31;})!}{(\mathrm{n}[illegible]\mathrm{j_i}-\mathbf{n}-\mathrm{Q31;}-\mathrm{j_{sa}^{s}})!\cdot(\mathbf{n}+\mathrm{j_{sa}^{s}}-\mathrm{j_s}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q044;}$$

$\Big(([illegible] \le \mathbf{l}[illegible]\, \mathrm{n} \land \mathbf{l} \ne {}_{\mathbf{i}}\mathbf{l} \land \mathbf{l_s} \le \mathrm{D}-\mathbf{n}+1 \land$

$2 \le \mathbf{l} \le \mathrm{D}[illegible]\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i} \land$

$1 \le \mathrm{j_s} \le \mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1 \land \mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1 \le \mathrm{j_{ik}} \le \mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}} \land$

$\mathrm{j^{sa}} = \mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s} \land \mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}} \le \mathrm{j_i} \le \mathbf{n} \land$

$\mathbf{l_{ik}}-\mathrm{j_{sa}^{ik}}+1 > \mathbf{l_s} \land \mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}} > \mathbf{l_{ik}} \land \mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s} > \mathbf{l_{sa}} \land$

$\mathrm{D}+\mathrm{s}-\mathbf{n} < \mathbf{l_i} \le \mathrm{D}+\mathbf{l_{sa}}+\mathrm{s}-\mathbf{n}-\mathrm{j_{sa}}) \lor$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_i} - s + 1 > \mathbf{l_s} \wedge$

$\mathrm{D} + s - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa})) \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$f z_{,C1,[illegible]j_s,j_{ik},j^{sa},j_i,D1;}^{[illegible]B1;} [illegible] Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right.$$

$$\sum_{j_{ik}=[illegible]+\mathbf{n}-D}^{\mathbf{l_i}+[illegible]{}_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n[illegible]7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+\text{[illegible]})!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-\text{[illegible]}-j_{sa})!}\cdot$$

$$\frac{(\text{[illegible]}\,\mathbf{l})!}{(D+\text{[illegible]}-\mathbf{n}-\mathbf{l_i})!\cdot(\text{[illegible]}\,j_i)!}+$$

$$\sum_{\text{[illegible]}}^{\text{[illegible]}}\sum_{\text{[illegible]}=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{\text{[illegible]}}\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}}\;\sum_{(j\text{[illegible]}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\text{[illegible]}\,\mathbf{l}+1)}\;\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}\;\sum_{(n_{is}=\text{[illegible]}\mathbb{k}+Q8;-j_s+Q9;)}^{(\text{[illegible]}+1)}\;\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\;\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-\mathrm{j_{sa}^{ik}}+1\right)!}{(\mathrm{j_s}+\mathbf{l_{ik}}-\mathrm{j_{ik}}-\mathbf{l_s})!\cdot(\mathrm{j_{ik}}-\mathrm{j_s}-\mathrm{j_{sa}^{ik}}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l_{ik}}-\mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathrm{j^{sa}}-\mathbf{l_{ik}})!\cdot(\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{ik}}-\mathrm{j_{sa}})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-[illegible])!}+$$

$$\sum_{\mathrm{k}=\mathrm{1}[illegible]}\;\sum_{\mathrm{j_s}=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathbf{l_s}+\mathrm{j_{sa}^{ik}}-[illegible]}^{\mathbf{l_{ik}}-\mathbf{l}+1}\;\sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}[illegible])}^{([illegible]-\mathbf{l}+1)}\;\sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=Q7;}^{Q6;}\;\sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}+Q8;[illegible]+Q9;)}^{(\mathrm{n_i}-\mathrm{j_s}+1)}\;\sum_{\mathrm{n_{ik}}[illegible]\mathbb{k}_2+\mathbb{k}_3+Q8;-\mathrm{j_{ik}}+Q9;}^{[illegible]+\mathrm{j_s}-[illegible]\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}[illegible]\mathbb{k}_3+Q8;-[illegible]+Q9;)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}[illegible]\mathbb{k}_2)}\;\sum_{\mathrm{n_s}=\mathbf{n}+Q8;-\mathrm{j_i}+Q9;}^{[illegible]\mathrm{sa}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}\quad Q05;$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}})!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-\mathbb{k}_2-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}}-\mathbb{k}_2)!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-\mathbb{k}_3-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i}-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-\mathrm{j_{sa}^{ik}}+1\right)!}{(\mathrm{j_s}+\mathbf{l_{ik}}-\mathrm{j_{ik}}-\mathbf{l_s})!\cdot(\mathrm{j_{ik}}-\mathrm{j_s}-\mathrm{j_{sa}^{ik}}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l_{ik}}-\mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathrm{j^{sa}}-\mathbf{l_{ik}})!\cdot(\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{ik}}-\mathrm{j_{sa}})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_{ik}+j_{sa}-j_{sa}^{ik}-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=\mathbf{l_{sa}}+j^{sa}-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathbf{l_s}+\mathrm{j_{sa}^{ik}}-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{\mathrm{n_i}=Q7;}^{Q6;} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}+Q8;-\mathrm{j_s}+Q9;)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-\mathrm{j_{ik}}+Q9;}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+Q8;-\mathrm{j^{sa}}+Q9;)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}+Q8;-\mathrm{j_i}+Q9;}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3} Q05;$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}})!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-\mathbb{k}_2-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}}-\mathbb{k}_2)!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-\mathbb{k}_3-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i}-\mathbb{k}_3)!}\cdot$$

$$Q06; \frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-\mathrm{j_{sa}^{ik}}+1)!}{(\mathrm{j_s}+\mathbf{l_{ik}}-\mathrm{j_{ik}}-\mathbf{l_s})!\cdot(\mathrm{j_{ik}}-\mathrm{j_s}-\mathrm{j_{sa}^{ik}}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l_{ik}}-\mathrm{j_{sa}})!}{(\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathrm{j^{sa}}-\mathbf{l_{ik}})!\cdot(\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{ik}}-\mathrm{j_{sa}})!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathrm{j^{sa}}+\mathbf{l_i}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-\mathrm{s})!}\cdot$$

$$\left.\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-\cdots}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+\cdots-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\cdots)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\cdots}$$

$$\frac{(n_s+\cdots-s-Q3\cdots)!}{(n_s+j_i-\cdots-Q31\cdots j_{sa}^{s})!\cdot(\cdots-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\cdots+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\cdots-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \land \mathbf{l_s} \leq \cdots - \mathbf{n} + 1 \land$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{\cdots} + 1 \land$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + \cdots \land j_s + j_{sa}^{ik} - 1 \leq \cdots j^{sa} + j_{sa}^{ik} - j_{sa} \land$

$j^{sa} = j_i + j_{sa} - \cdots \land j^{sa} + \cdots j_{sa} \leq \cdots \mathbf{n} \land$

$\mathbf{l_{ik}} - \cdots + 1 = \mathbf{l_s} \land \mathbf{l_s} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \land$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l}_{\cdots} + s - \mathbf{n} - j_{sa}^{ik} \land$

$D \geq \mathbf{n} < n \land Q2\ldots$

$j_{sa} < j_{sa}^{i} - \cdots \land j_{sa}^{ik} < j_{sa} - 1 \land j_{sa}^{s} = j_{sa}^{ik} - 1 \land$

$\ldots \{Q3; \ldots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \land$

$s \geq 6 \land \mathbf{s} = s + Q5; \land$

$\mathbb{k}_z: z = 3 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot $$

$$ \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02; $$

$$ Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q03;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+j_{sa}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^s)! \cdot (\mathbf{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s \leq \mathbf{l_{sa}}$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}^{i}, \cdots, \mathbb{k}_3, j_{sa}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\;,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-[illegible])!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{([illegible]\mathbf{l}-1)!}{(\mathbf{l_s}-[illegible]-\mathbf{l}+1)!\cdot([illegible]-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-[illegible]_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}[illegible])!\cdot(j^{sa}+[illegible]-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{([illegible]+j_i-[illegible]-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q[illegible]0;\sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$[illegible]\sum_{[illegible]=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{[illegible]=Q7;+Q22;}^{[illegible]}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} - \mathrm{j_{sa}^{ik}} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, , \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}\mathrm{S}^{B1;}_{\Rightarrow j_s, j_{ik}, j^{[illegible]}}[illegible]\mathrm{D1;} = \mathrm{Q}[illegible]\mathrm{;}\Bigg(\sum_{[illegible]k=\mathbf{l}}^{[illegible]} \sum_{(j_s=2)}^{([illegible]-D-s)}$$

$$\sum_{[illegible]=j_s+j_{sa}^{ik}-1[illegible]}^{[illegible]} \sum_{[illegible]=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{([illegible]-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q[illegible]}^{Q6;} \sum_{(n[illegible]+\mathbb{k}+Q8;-j_s+Q9;)}^{([illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \mathrm{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum^{(\mathbf{l_{ik}}-\mathbf{l}-[illegible]+2)}\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s[illegible])}$$

$$\sum^{(\mathbf{l_{sa}}-\mathbf{l}+1)}_{j_{ik}=[illegible]j_{sa}^{ik}-1}\sum_{(j^{s[illegible]}+j_{sa}-j_{sa}^{ik})}\sum_{j_i[illegible]+s-j_{sa}}$$

$$\sum^{Q6;}_{n_i=Q7;}\sum^{(n_i-j_s+1)}_{(n_{is}=[illegible]+Q8;-j_s+Q9;)}\sum^{[illegible]+j_s-j_{ik}-\mathbb{k}_1}_{[illegible]_k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}$$

$$\sum^{(n_{[illegible]}-j^{sa}[illegible]2)}_{(n_{[illegible]}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}\sum^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}_{n_s=\mathbf{n}+Q8;-j_i+Q9;}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}\right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)}\ \sum_{j_{\text{[illegible]}}\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}\text{[illegible]}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{i\text{[illegible]}}+\mathbb{k}_2+\mathbb{k}_3+Q8;\text{[illegible]}Q9;}^{n_{is}+j_s-j_{ik}\text{[illegible]}}$$

$$\sum_{(n_{sa}\text{[illegible]}+\mathbb{k}_3+Q8;\text{[illegible]}a+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_{\text{[illegible]}}+Q9;}^{\text{[illegible]}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(\text{[illegible]}-n_{is}-1)!}{(\text{[illegible]}-2)!\cdot(\text{[illegible]}-n_{is}-j_s+1)!}\cdot$$

$$\frac{(\text{[illegible]}-n_{ik}-1)!}{\text{[illegible]}-j_s-1\text{[illegible]}(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-\text{[illegible]}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(\text{[illegible]}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0\ldots$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\, Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{i}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2 \leq \mathbf{l} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa}^{s} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

$\mathbf{s}\colon \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge s = s+Q5; \wedge$

$\mathbb{k}_z\colon z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}\right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

Q0[illegible] $\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)} \right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l}-1)!}{(\mathbf{l_{ik}}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j_s-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}-j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\;\sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\;\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\;\sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\;\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\;\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\;\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\;Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\text{[illegible]})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\text{[illegible]}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}\text{[illegible]}j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\text{[illegible]}-s)!}{(j^{sa}+\mathbf{l_i}\text{[illegible]})!\cdot(j_i+\text{[illegible]}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(\text{[illegible]}+j_i-\mathbf{n}\text{[illegible]}\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\Bigg)\ Q04;$$

$$Q\text{[illegible]}0;\sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{\text{[illegible]}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{\text{[illegible]}=Q7;+Q22;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D + \mathbf{l_{sa}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{\mathbb{k}_z,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},\text{[illegible]}1;}^{B1;} = Q\text{[illegible]} \sum_{\text{[illegible]}=\mathbf{l}}^{(\mathbf{l_{ik}}\text{[illegible]}-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q\text{[illegible]}}^{Q6;} \sum_{\text{[illegible]}+\mathbb{k}+Q8;-j_s+Q9;)}^{\text{[illegible]}-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-[illegible])!}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot(\mathbf{n}-[illegible])!}\ Q04;$$

$$[illegible]0;\sum_{[illegible]}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}\ \sum_{[illegible]}^{(D-s+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{[illegible]}\ \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{[illegible])}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q[illegible]}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q2[illegible]+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$[illegible] > \mathbf{n} < [illegible] \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$$\mathrm{D}+\mathrm{s}-\mathbf{n}<\mathbf{l_i}\leq \mathrm{D}+\mathbf{l_{ik}}+\mathrm{s}-\mathbf{n}-\mathrm{j}_{sa}^{ik}\wedge$$

$$\mathrm{D}\geq \mathbf{n}<\mathrm{n}\wedge Q2;\wedge$$

$$\mathrm{j}_{sa}<\mathrm{j}_{sa}^{i}-1\wedge \mathrm{j}_{sa}^{ik}<\mathrm{j}_{sa}-1\wedge \mathrm{j}_{sa}^{s}=\mathrm{j}_{sa}^{ik}-1\wedge$$

$$\mathbf{s}\colon\left\{Q3;,\mathrm{j}_{sa}^{s},\mathbb{k}_1,\mathrm{j}_{sa}^{ik},\cdots,\mathbb{k}_2,\mathrm{j}_{sa},\cdots,\mathbb{k}_3,\mathrm{j}_{sa}^{i},Q4;\right\}\wedge$$

$$\mathrm{s}\geq 6\wedge \mathbf{s}=\mathrm{s}+Q5;\wedge$$

$$\mathbb{k}_z\colon z=3\wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\;,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q0[illegible]\sum_{k=\mathbf{l}}^{(\mathbf{l}[illegible]\mathbf{n}-D-s)}\sum_{[illegible]}$$

$$\sum_{j_{ik}=j[illegible]+j_{sa}^{ik}-1}\;\sum_{(j[illegible]+\mathbf{n}+j_{sa}[illegible])}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-[illegible])}\;\sum_{j[illegible]+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\;\sum_{(n[illegible]\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9[illegible]}^{(n_i-j_s[illegible]}\;\sum_{[illegible]_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{[illegible]=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{[illegible]_{k}+j_{ik}-j^{sa}-[illegible]}\;\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\quad Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{(n_{sa}+j^{sa}-j_i-\mathbb{k}_3)}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\;\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)}\;\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\;\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\;\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\;)}\;\sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s+Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_s^{sa})!\cdot(\mathbf{n}+j_{sa}-j_i-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2 \leq \mathbf{l_s}-\mathbf{l}-1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{ik}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_i} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}+1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

$\mathbf{s}\colon \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z\colon z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\;\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \; \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \; \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \; \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \; \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+\text{[illegible]}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \; \sum_{n_s=\mathbf{n}+Q8\text{[illegible]}_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \; Q\text{[illegible]}$$

$$\frac{(n_i \text{[illegible]} - 1)\text{[illegible]}}{(j_s - 2\text{[illegible]} (n_i - n_{is} \text{[illegible]} + 1)!}\cdot$$

$$\frac{(n_{is} - n\text{[illegible]} - 1)!}{(j_{ik} - \text{[illegible]} (n_{is} + \text{[illegible]} - n_{ik} - j_{ik})!}\cdot$$

$$\frac{(n_{ik} - \text{[illegible]} - \mathbb{k}_2 - \text{[illegible]}}{(j^{sa} - j_{ik} - \text{[illegible]} \cdot (n_{ik} + \text{[illegible]} - n_{sa} - j^{sa} - \mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa} \text{[illegible]} n_s - \mathbb{k}_3 \text{[illegible]} 1)!}{(j\text{[illegible]} j^{sa} - 1)! \cdot (\text{[illegible]} + j^{sa} - n_s - j_i - \mathbb{k}_3)!}\cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}\cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}\cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \; \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \; \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;\;)} \; \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \; \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \; \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^s)!\cdot(\mathbf{n}+j_{sa}^s-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-\text{[illegible]})!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\text{[illegible]})!}\ Q044;$$

$D\ge \mathbf{n}<n\wedge \mathbf{l}\neq {}_{\mathbf{i}}\mathbf{l}\wedge \mathbf{l_s}\le D-\mathbf{n}+1\wedge$

$2\le \mathbf{l}\le D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\wedge$

$1\le j_s\le j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\le j_{i}$ [illegible] $\le j^{sa}+j_{sa}^{ik}$ [illegible] $\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\le j_i$ [illegible] $\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1>\mathbf{l_s}\wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l}$ [illegible] $\wedge\ \mathbf{l_i}+j_{sa}-s$ [illegible] $\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\le D+\mathbf{l_s}+s-\mathbf{n}-1\wedge$

$D\ge \mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j_{sa}^i-1\wedge j_{sa}^{ik}<j_{sa}-1$ [illegible] $j_{sa}^s=j_{sa}^{ik}-1$ [illegible]

$\mathbf{s}:\{Q3;,j_{sa}^s,\Bbbk_1,j_{sa}^{ik}$ [illegible] $\cdots,\Bbbk_2,j_{sa},\cdots,$ [illegible] $j_{sa}^i,Q4;$ [illegible]

$s\ge 6\wedge \mathbf{s}=$ [illegible] $+Q5;\wedge$

$\Bbbk_z: z=3\wedge \Bbbk=$ [illegible] $+\Bbbk_2+$ [illegible] $\Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_i}+j_{sa}^{ik}-\mathbf{l}-s+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\ Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \text{[illegible]})!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s \text{[illegible]} j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{\text{[illegible]} - 1)!}{(n_s \text{[illegible]} j_i - \mathbf{n} - \text{[illegible]} - j_i)!} \cdot$$

$$\frac{(\text{[illegible]} - \mathbf{l} - 1)!}{(\text{[illegible]} - j_s - \mathbf{l} \text{[illegible]})! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} \text{[illegible]} \mathbf{l_s} - j_{sa}^{ik} + \text{[illegible]})}{(j_s + \mathbf{l_{ik}} \text{[illegible]} j_{ik} - \mathbf{l_s} \text{[illegible]} (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \text{[illegible]})!}{(D + j_i \text{[illegible]} \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\text{[illegible]}-j_{sa}^{ik}-\mathbf{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{\text{[illegible]};} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-[illegible])!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D-[illegible])!}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot(\mathbf{n}-[illegible])!}\;Q04;$$

$$Q00;\sum\sum_{(\mathbf{l_s}=\mathbf{l}[illegible]-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\;\sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)}\;\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+[illegible]}^{Q20;}\;\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q2[illegible]+1)}\;\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\;)}\;\sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$D\geq\mathbf{n}<[illegible]\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = \mathrm{Q00;}\left(\sum_{k=\mathbf{l}}^{(\text{[illegible]}\mathbf{n}-D-s)} \sum_{\text{[illegible]}} \right.
$$

$$
\sum_{j_{ik}=\text{[illegible]} j_{sa}^{ik}-1} \sum_{(j\text{[illegible]}+\mathbf{n}+j_{sa}\text{[illegible]})}^{(\mathbf{l_{sa}}-\mathbf{l}+\text{[illegible]}} \sum_{j_i\text{[illegible]}+s-j_{sa}}
$$

$$
\sum_{n_i=Q7;}^{Q6;} \sum_{(n\text{[illegible]}\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9\text{[illegible]}}^{(n_i-j_s\text{[illegible]}} \sum_{\text{[illegible]}_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(\text{[illegible]}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{\text{[illegible]}+j_{ik}-j^{sa}-\text{[illegible]}} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \mathrm{Q05;}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$
\mathrm{Q06;}\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{[illegible]\,j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{[illegible]}=[illegible]\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;[illegible]+Q9;}^{n_{is}+j_s-j_{ik}[illegible]}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;[illegible]^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{[illegible]+Q[illegible]_i+Q9;}^{[illegible]+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{[illegible]-n_{is}-1)!}{[illegible]-2)!\cdot[illegible]-n_{is}-j_s+1)!}\cdot$$

$$\frac{([illegible]-n_{ik}-1)!}{[illegible]-j_s-1[illegible](n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}[illegible]n_{sa}-\Bbbk_2-1)!}{(j^{sa}-[illegible]-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{([illegible]-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}\right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+\text{[illegible]}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8\text{[illegible]}+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \text{Q[illegible]}$$

$$\frac{(n_i \text{[illegible]} - 1)\text{[illegible]}}{(j_s - 2\text{[illegible]} \cdot (n_i - n_{is} \text{[illegible]} + 1)!} \cdot$$

$$\frac{(n_{is} - n\text{[illegible]} - 1)!}{(j_{ik} - \text{[illegible]} \cdot (n_{is} + \text{[illegible]} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - \text{[illegible]} - \mathbb{k}_2 - \text{[illegible]}}{(j^{sa} - j_{ik} - \text{[illegible]} \cdot (n_{ik} + \text{[illegible]} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} \text{[illegible]} n_s - \mathbb{k}_3 \text{[illegible]} 1)!}{(j\text{[illegible]} j^{sa} - 1)! \cdot (\text{[illegible]} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

Q… $$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_s}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \quad Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 2 \leq \mathbf{l} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s < \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} \right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(D - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (D - \mathbf{l_s} - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q02;$$

$$Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} \right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\text{[illegible]})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}\text{[illegible]}j^{sa}-s)!}\cdot$$

$$\frac{(\text{[illegible]}\,\mathbf{l_i})!}{(D+\text{[illegible]}-\mathbf{n}-\mathbf{l_i})!\text{[illegible]}j_i)!}+$$

$$\sum\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+\text{[illegible]}}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j\text{[illegible]}\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}\text{[illegible]}1)}\ \sum_{\text{[illegible]}=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}\ \sum_{(n_{is}\text{[illegible]}\mathbb{k}+Q8;-j_s+Q9;)}^{\text{[illegible]}-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) [illegible]04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n} [illegible] -s+1)}^{([illegible]-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j^{ik} [illegible]} \sum_{(j^{sa}=j_{ik}+j_{sa} [illegible])}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q[illegible]} \sum_{(n_{is}=[illegible]+Q8;-j_s+[illegible])}^{(n_i-j_s [illegible] 23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{[illegible]_{sa}=n_{ik}+j_i [illegible]^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i [illegible] \mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} <$ [illegible] $\wedge\ \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l}$ [illegible] $\leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l}$ [illegible] $+s-$ [illegible] $\mathbf{l}$ [illegible] $j_{sa}+2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l}-1 \wedge$

$1 \leq j_s \leq j$ [illegible] $-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+$ [illegible] $-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{Q3; , j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4; \} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \sum_{k=\mathbf{l}}^{(\mathbf{l_s}-\mathbf{l}+1)} \sum_{(j_s=2)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;)}^{n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot $$

$$ \frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q04; $$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=j^{sa}+s-j[illegible]}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}[illegible]-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}[illegible])}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i[illegible]}$$

$$\frac{(n_s+[illegible]-s-Q[illegible])!}{(n_s[illegible]j_i-\mathbf{n}-Q3[illegible]-j_{sa}^{s})!\cdot[illegible]-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s[illegible]+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq [illegible] - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + [illegible] \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} [illegible] j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j[illegible] = j_i + j_{sa} - [illegible] \wedge j^{sa} + [illegible] - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} [illegible] j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge [illegible] + j_{sa}^{ik} - [illegible] = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$[illegible] + s - [illegible] \leq \mathbf{l_i} \leq D + \mathbf{l}[illegible] + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge [illegible] \wedge$

$j_{sa} < j_{sa}^{i} [illegible] \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, [illegible]\Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q6$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q[illegible]\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik})}\right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j_i+j_{sa}^{ik}-s-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(D-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(D-\mathbf{l_s}-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{ik}+j_s+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}^{?}\sum_{(j_s=2)}^{(\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik})}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s\ [illegible]}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s\ [illegible]\ j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}\ [illegible]\ s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}}\ [illegible]\ \cdot(j_i+j_{sa}\ [illegible]\ -s)!}\cdot$$

$$\frac{(\ [illegible]\ -\mathbf{l_i})!}{[illegible]\ -\mathbf{n}\ [illegible]\ \cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=[illegible]}\ \sum_{[illegible]=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_s+[illegible]}^{[illegible]+j_{sa}^{ik}-s-1}\ \sum_{[illegible]=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ \ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=[illegible]}^{Q6;}\ \sum_{(n_{is}[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{[illegible]-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}\ [illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=[illegible]}\ \sum_{[illegible]=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}[illegible]}^{(\mathbf{l_s}-\mathbf{l}+[illegible]}$$

$$\sum_{j_{ik}=j_s+j_s[illegible]1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}[illegible]-j_{sa}^{ik})}^{([illegible])}\ \sum_{j_i=\mathbf{l_{ik}}+[illegible]-j_{sa}^{ik}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=[illegible]+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{[illegible]=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{[illegible]+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n[illegible]=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n[illegible]-j^{sa}[illegible]2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathrm{j^{sa}} + \mathbf{l_i} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - \mathrm{s})!} \cdot$$

$$\left.\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}\right) \mathrm{Q04};$$

$$\mathrm{Q000}; \sum_{k=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}-\mathrm{s}+[illegible]}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}[illegible]}^{(\ )} \sum_{[illegible]=\mathrm{j^{s}}[illegible]-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7};+\mathrm{Q22};}^{\mathrm{Q20};} \sum_{(\mathrm{n_{is}}=\mathbf{n}+[illegible]\mathrm{Q9};)}^{(\mathrm{n_i}-\mathrm{j_s}-\mathrm{Q23};+1)} \sum_{\mathrm{n_{ik}}[illegible]+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathrm{n}[illegible]\mathrm{ik}-\mathrm{j^{sa}}-\mathbb{k}[illegible]}^{(} \sum_{[illegible]=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}$$

$$\frac{(\mathrm{n_s} + \mathrm{j_i} - [illegible] - \mathrm{s} - \mathrm{Q31};)!}{[illegible] + \mathrm{j_i} - [illegible] - \mathrm{Q31}; - [illegible])! \cdot (\mathbf{n} + \mathrm{j_{sa}^{s}} - \mathrm{j_s} - \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} \mathrm{Q044};$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l}$ [illegible] $\mathbf{l} \wedge \mathbf{l_s}$ [illegible] $- \mathbf{n} +$ [illegible] $\wedge$

$\mathrm{D} +$ [illegible] $+ \mathrm{s} - \mathbf{n} - \mathbf{l_i} +$ [illegible] $\leq \mathbf{l} \leq$ [illegible] $+ \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} - \mathrm{j_{sa}} + 1 \wedge$

[illegible] $\leq \mathrm{j_s} \leq$ [illegible] $- \mathrm{j_{sa}^{ik}} + 1 \wedge$ [illegible] $+ \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} =$ [illegible] $+ \mathrm{j_{sa}} -$ [illegible] $+ \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} +$ [illegible] $> \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

[illegible] $+ \mathrm{s} -$ [illegible] $\leq \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2}; \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3};, \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4};\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j_i+j_{sa}^{ik}-s-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+[illegible]}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;[illegible]+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q03;\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\}$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(D - \mathbf{l} - 1)!}{(D - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n}\ [illegible])!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - [illegible] + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s [illegible] + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} [illegible])! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$[illegible]0; \sum_{k=\mathbf{l}}^{[illegible]} \sum_{(j_s = \mathbf{l_i} + \mathbf{n} - D - s + 1)}^{(\mathbf{l_s} - \mathbf{l} + 1)}$$

$$\sum_{[illegible]=j_s + j_{sa}^{ik} - 1}^{\mathbf{l_{ik}} - \mathbf{l}\ [illegible]} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\mathbf{l_i} + j_{sa} - \mathbf{l} - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i [illegible]7;}^{Q6; [illegible]} \sum_{(n_{is} = \mathbf{n} + \Bbbk + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \Bbbk_2 + \Bbbk_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \Bbbk_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+\text{[illegible]})!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-\text{[illegible]}_{k}-j_{sa})!}\cdot$$

$$\frac{(D\text{ [illegible]})!}{(D+j_i-\text{[illegible]}-\mathbf{l_i})!\cdot(\mathbf{n}\text{ [illegible]})!}\ Q04;$$

$$\text{[illegible]}0;\sum\ \sum_{\text{[illegible]}=(D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(\text{[illegible]}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20;\sum_{n_i=Q7;+\text{[illegible]}}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q2\text{[illegible]}1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$\text{[illegible]}(D\geq\mathbf{n}\text{[illegible]}n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_i} - s + 1 > \mathbf{l_s} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa})) \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{\substack{A\quad B1;\\ fz,C1,\quad j_s,j_{ik},j^{sa},j_i,D1;}} = Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}\right.
$$

$$
\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s\ [illegible])!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s\ [illegible]\ j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\ [illegible])!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}\ [illegible]\ j_{sa})!}\cdot$$

$$\frac{([illegible]-\mathbf{l_i})!}{([illegible]-\mathbf{n}-[illegible])!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=\mathbf{l}}^{[illegible]}\ \sum_{(j_s=2)}^{[illegible]-D-s)}$$

$$\sum_{[illegible]=\mathbf{l_{ik}}+\mathbf{n}\ [illegible]}^{\mathbf{l_i}+[illegible]_{a}^{ik}-D-s-1}\ \sum_{([illegible]_i+\mathbf{n}+j_{sa}-D-s)}^{[illegible]_a-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=[illegible]}^{Q6;}\ \sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{[illegible]_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - \text{[illegible]})!} \cdot$$

$$\frac{(D - \mathbf{l_i}\text{[illegible]})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\text{[illegible]}\mathbf{n} - j_i)!}$$

$$\sum \sum_{(j_s = \mathbf{l_i} + \mathbf{n} - D - s\text{[illegible]})}^{(\mathbf{l_s} - \mathbf{l}\text{[illegible]})}$$

$$\sum_{j_{ik} = \text{[illegible]} j_{sa}^{ik} - 1}^{\mathbf{l_{ik}} - \mathbf{l}\text{[illegible]}} \sum_{(j^{\text{[illegible]}} = \text{[illegible]} + j_{sa} - j_{sa}^{ik})}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_{\text{[illegible]}} = \text{[illegible]} + s - j_{sa}}$$

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \text{[illegible]} + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{\text{[illegible]}_k = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{\text{[illegible]} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n\text{[illegible]} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n\text{[illegible]} - j^{sa}\text{[illegible]})} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-\cdots)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)}\ \sum_{j_i=\cdots\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{\cdots+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\cdots_s+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(\cdots+j_{ik}-j^{sa}-\cdots)}\ \sum_{\cdots\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+\cdots-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-\cdots)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(\cdots-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j\text{[illegible]}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}\text{[illegible]}-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}\text{[illegible]})}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_s+\text{[illegible]}-s-Q\text{[illegible]})!}{(n_s\text{[illegible]}j_i-\mathbf{n}-Q3\text{[illegible]}-j_{sa}^{s})!\cdot\text{[illegible]}+\text{[illegible]}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\text{[illegible]}\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\text{[illegible]}D-\mathbf{l_i})!}{(D+j_i-\text{[illegible]}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - \text{[illegible]} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + \text{[illegible]} \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \text{[illegible]} j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - \text{[illegible]} \wedge j^{sa} + \text{[illegible]} j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} \text{[illegible]} j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \text{[illegible]} + j_{sa}^{ik} - \text{[illegible]} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\text{[illegible]} + s - \text{[illegible]} < \mathbf{l_i} \leq D + \mathbf{l}\text{[illegible]} + s - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q\text{[illegible]}$

$j_{sa} < j_{sa}^{i} - \text{[illegible]} \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-\ldots}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot $$

$$ \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q02; $$

$$ Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1} $$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q0\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{[illegible]}4;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s \text{[illegible]} \mathbf{l_{sa}}$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \text{[illegible]}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - \text{[illegible]}$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{\text{[illegible]}}, \text{[illegible]}, \mathbb{k}_3, j_{sa}^{\text{[illegible]}}, \text{[illegible]}4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \text{[illegible]} + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \mathbf{l_{sa}} + \mathbf{n} + s - D - j_{sa}}^{\mathbf{l_{sa}} + s - \mathbf{l} - j_{sa} + 1}$$

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{=Q7;+Q22;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\land\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\land\mathbf{l_s}\leq D-\mathbf{n}+1\land$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} - \mathrm{j_{sa}^{ik}} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{j_{sa}} - \mathbf{n} - \mathrm{j_{sa}^{ik}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{f\text{[illegible]}C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},\text{[illegible]}1;}^{B1;} = \mathrm{Q}\text{[illegible]} \sum_{\text{[illegible]}}^{\text{[illegible]}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\text{[illegible]})}
$$

$$
\sum_{\text{[illegible]}_{ik}=j_{sa}^{ik}+1}^{\text{[illegible]}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{\text{[illegible]})} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}}
$$

$$
\sum_{n_i=Q\text{[illegible]}}^{Q6;} \sum_{\text{[illegible]}\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{\text{[illegible]}-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}.$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}.$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\text{[illegible]})!}.$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\text{[illegible]}-j_i)!}Q0\text{[illegible]}$$

$$\text{[illegible]}00;\sum_{k=\mathbf{l}}^{\text{[illegible]}}\sum_{(j_s=j_{ik}-j_{sa}^{\text{[illegible]}})}^{\text{[illegible]})}$$

$$\sum_{\text{[illegible]}-j_{sa}^{ik}+1}^{\mathbf{l_s}+\text{[illegible]}}\sum_{(j\text{[illegible]}+j_{sa}-s)}^{(\text{[illegible]})}\sum_{j_i=\text{[illegible]}-\mathbf{l}+1}^{\text{[illegible]}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\text{[illegible]}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{\text{[illegible]}_k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n\text{[illegible]}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n\text{[illegible]}-j^{sa}\text{[illegible]}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}.$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}.$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}.$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}.$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}.$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}.$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}.$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q04;}$$

$$\mathrm{Q000;}\sum_{\mathrm{k}=\mathbf{l}}\ \sum_{(\mathrm{j_s=j_{ik}-j_{sa}^{ik}+1})}^{(\ \ )}$$

$$\sum_{\mathrm{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}}\ \sum_{(\mathrm{j^{sa}=j_i+j_{sa}-s})}^{(\ \ )}\ \sum_{\mathrm{j_i}=\mathbf{l_{sa}}\text{[illegible]}+\mathrm{s-D-j_{sa}}}^{\mathbf{l_s}+\mathrm{s}-\mathbf{l}}$$

$$\sum_{\mathrm{n_i=Q7;+Q22;}}^{\mathrm{Q20;}}\ \sum_{(\mathrm{n_{is}}=\mathbf{n}+\Bbbk+\mathrm{Q8;-j_s}\text{[illegible]}\mathrm{9;})}^{(\mathrm{n_i-j_s-Q23;+1})}\ \sum_{\mathrm{n_{ik}=n_{is}+j_s}\text{[illegible]}-\Bbbk_1}$$

$$\sum_{(\mathrm{n_{sa}=n_{ik}}\text{[illegible]}-\mathrm{j^{sa}}-\Bbbk_2\text{[illegible]})}^{(\ \ )}\ \sum_{\text{[illegible]}\mathrm{^{sa}-j_i}-\Bbbk_3}$$

$$\frac{(\mathrm{n_s}\text{[illegible]}\mathrm{j_i-j_s}\text{[illegible]}-\mathrm{Q31;})!}{(\text{[illegible]}+\mathrm{j_i}-\mathbf{n}-\mathrm{Q}\text{[illegible]}-\mathrm{j_{sa}^s})!\text{[illegible]}+\mathrm{j_{sa}^s-j_s-s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l}\text{[illegible]}\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q044;}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq \text{[illegible]} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n}\text{[illegible]} \wedge$

$\mathrm{D}\text{[illegible]}\mathbf{l_{ik}} + \mathrm{s}\text{[illegible]} - \mathbf{l_i} - \text{[illegible]} + 2 \leq \mathbf{l} \leq \text{[illegible]}_{\mathbf{i}}\mathbf{l}\text{[illegible]}1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}}\text{[illegible]} \wedge \mathrm{j_s} + \text{[illegible]} \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i}\text{[illegible]}\mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}}\text{[illegible]}\mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1\text{[illegible]}\mathbf{l_s} \wedge \mathbf{l_s}\text{[illegible]}\mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D}\text{[illegible]}\mathrm{j_{sa}}\text{[illegible]}\mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{j_{sa}} - \mathbf{n} - \mathrm{j_{sa}^{ik}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n}\text{[illegible]}\mathrm{Q2;} \wedge$

$\mathrm{j_{sa}}\text{[illegible]}\mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \Bbbk_1, \mathrm{j_{sa}^{ik}}, \cdots, \Bbbk_2, \mathrm{j_{sa}}, \cdots, \Bbbk_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\Bbbk_z: \mathrm{z} = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot $$

$$ Q06; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot $$

$$ \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04; $$

$$ Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}} $$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^s_{sa})!\cdot(\mathbf{n}+j^s_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_i\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \wedge j_s+j^{ik}_{sa}-1 \leq j_{ik} \leq j^{sa}+j^{ik}_{sa}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_s < j^i_{sa}-1 \wedge j^{ik}_{sa} < j_{sa}-1 \wedge j^s_{sa}=j^{ik}_{sa}-1 \wedge$

$\mathbf{s}: \{Q3;, j^s_{sa}, \mathbb{k}_1, j^{ik}_{sa}, \ldots, \mathbb{k}_2, j_{sa}, \ldots, \mathbb{k}_3, j^i_{sa}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q[illegible]\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{s}+1)!}{(j_s+\mathbf{l_{ik}}-\mathbf{l_s})!\cdot(j_{ik}-j^{ik}_{sa}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j+j^{ik}_{sa}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{-Q7;+Q22;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^s_{sa})!\cdot(\mathbf{n}+j^s_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$\mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} + 1 \leq \mathbf{l} \leq \ {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + s - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3; , j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4; \} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s \text{[illegible]} j^{sa}, j_i, D1;}^{B1 \text{[illegible]}} \text{[illegible]} Q00; \sum_{k=\mathbf{l}}^{(\text{[illegible]}_s - \mathbf{l} + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik} \text{[illegible]} ^{sa} + j_{sa}^{ik} - j_{sa} \text{[illegible]}} \sum_{\text{[illegible]} = j_i + j_{sa} - s)}^{\text{[illegible]})} \sum_{j_i = \mathbf{l_{sa}} + \mathbf{n} + s - D - j_{sa}}^{\mathbf{l_{sa}} + s - \mathbf{l} - j_{sa} + 1}$$

$$\sum_{n_i = Q \text{[illegible]}}^{Q6;} \sum_{(n_{\text{[illegible]}} \text{[illegible]} + \Bbbk + Q8; - j_s + Q9;)}^{\text{[illegible]} - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \Bbbk_2 + \Bbbk_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \Bbbk_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ \text{Q044;}$$

$$\text{Q000;}\sum_{k=\mathbf{l}}\ \sum_{(j_s=j\ldots j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{\ldots}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ldots)}\ \sum_{\ldots=\ldots+\mathbf{n}+s-D-j_{sa}}$$

$$\sum_{n_i=\text{Q7;}+\text{Q22;}}^{\text{Q}\ldots}\ \sum_{(n_{is}=\ldots+\text{Q8;}-j_s+\ldots)}^{(n_i-j_s\ldots\text{23;}+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(\ldots_{sa}=n_{ik}+j_i\ldots^{sa}-\mathbb{k}_2)}^{(\ldots)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-\text{Q31;})!}{(n_s+j_i\ldots\mathbf{n}-\text{Q31;}-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ \text{Q044;}$$

$D \geq \mathbf{n} < [illegible] \land \mathbf{l} \neq {}_{i}\mathbf{l} \land \mathbf{l} \leq D - \mathbf{n} + 1 \land$

$2 \leq \mathbf{l} \leq D + [illegible] s - [illegible] - \mathbf{l_i} \land$

$1 \leq j_s \leq [illegible] - j_{sa}^{ik} + 1 \land j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \land$

$j^{sa} = j_i + [illegible] - s \land j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \land \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \land$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \land$

$D \geq \mathbf{n} < n \land \text{Q2;} \land$

$j_{sa} < j_{sa}^{i} - 1 \land j_{sa}^{ik} < j_{sa} - 1 \land j_{sa}^{s} = j_{sa}^{ik} - 1 \land$

$\mathbf{s}:\left\{Q3; , j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4; \right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \text{[illegible]} $$

$$ \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{\text{[illegible]}+\mathbf{n}+s\text{[illegible]}D-j_{sa}}^{\text{[illegible]}-\mathbf{l}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;\text{[illegible]}}^{(n_i-j_s+1)} \sum_{\text{[illegible]}=\mathbf{n}+\mathbb{k}_2+\text{[illegible]}Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1\text{[illegible]}} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+\text{[illegible]}-j^{sa}+Q9;\text{[illegible]}}^{\text{[illegible]}+j_{ik}-j^{s}\text{[illegible]})} \sum_{\text{[illegible]}=\mathbf{n}+Q8;-j_i+Q9;}^{n_s\text{[illegible]}\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

$$ \frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02; $$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )}\ \sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-j_s-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^s)!\cdot(\mathbf{n}+j_{sa}^s-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{i}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} + 1 \leq \mathbf{l} \leq {}_{i}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}^{i} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_s < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa}^{i} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, , j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, , \mathbb{k}_2, j_{sa}, , \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

Q[illegible] $$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{ Q044;}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s$ [illegible] $\mathbf{l_{sa}}$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_{ik}} + j_{sa} -$ [illegible] $- j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} -$ [illegible]

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j$ [illegible] $, \mathbb{k}_3, j_{sa}$ [illegible] $4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5;\wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} =$ [illegible] $+ \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\;)}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \mathbf{l_{sa}} + \mathbf{n} - D)}^{(\mathbf{l_{ik}} + j_{sa} - \mathbf{l} - j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\ldots-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(\ldots-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\ldots)!\cdot(j^{sa}+\ldots-j_{ik}-j_{sa})!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\ldots Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\text{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ \text{Q0[illegible]}$$

$$\text{[illegible]00;}\sum_{k=\mathbf{l}}^{[illegible]}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}[illegible])}^{[illegible]}$$

$$\sum_{j_{ik}=j^{sa}[illegible]-j_{sa}}^{(\ldots-\mathbf{l}-j_{sa}^{ik}+[illegible])}\ \sum_{(j^{[illegible]}_{sa}+\mathbf{n}-D)}\ \sum_{j_i=j^{[illegible]}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q2[illegible]}^{[illegible]20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;[illegible]+Q9;)}^{(n_i-j_{[illegible]}Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_{[illegible]}+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ \text{Q044;}$$

$D > [illegible] \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s [illegible] \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_{ik}} + j_{sa} - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = Q00; \sum_{\Bbbk=\mathbf{l}} \sum_{(j_s = j_i \text{[illegible]} j_{sa}^{ik}+1)}^{(\text{[illegible]})} \sum_{j_i \text{[illegible]}}^{\mathbf{l}_{ik}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l}_{sa}+\text{[illegible]})}^{\text{[illegible]}-\mathbf{l}+1)} \sum_{j_i = j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-\text{[illegible]}Q9;)}^{(n\text{[illegible]}j_s+1)} \sum_{n_{ik}=\text{[illegible]}\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}} \sum_{(n_{sa}=\text{[illegible]}\Bbbk_3+Q8;-\text{[illegible]}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}\text{[illegible]})} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot
$$

$$
Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q04;
$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-\dots}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+\dots-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\dots)}^{(\;)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\dots}$$

$$\frac{(n_s + \dots - j_s \dots s - Q3\dots)!}{(n_s + j_i - \dots - Q31\dots j_{sa}^{s})! \cdot (\dots - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \dots + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \dots - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \dots - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{s\dots} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq \dots j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - \dots \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_s} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa} - \dots < \mathbf{l_{sa}} \leq D + \mathbf{l_{ik}} + j_{sa} - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2\dots$

$j_{sa} < j_{sa}^{i} - \dots \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

[illegible] $\{Q3; \dots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{(n_{sa}+j^{sa}-j_i-\mathbb{k}_3)} Q05;
$$

$$
\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot
$$

$$
\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot
$$

$$
Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;
$$

$$
Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q0[illegible] \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s \ldots \mathbf{l_{sa}}$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_{ik}} + j_{sa} - \ldots - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - \ldots$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{\ldots}, \cdots, \mathbb{k}_3, j_{sa}^{\ldots}, \ldots 4; \} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \ldots + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum_{(j^{sa} = \mathbf{l_{sa}} + \mathbf{n} - D)}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

$$\sum_{k=j^{sa}+j^{ik}_{sa}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{-Q7;+Q22;}^{20}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^s_{sa})!\cdot(\mathbf{n}+j^s_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{\mathrm{A1;}}_{\mathrm{fz,C1;}}\mathrm{S}^{\mathrm{B1;}}_{\Rightarrow \mathrm{j_s}, \mathrm{j_{ik}}, \text{[illegible]}, \mathrm{D1;}} = \text{[illegible]}0; \sum_{k=\mathbf{l}}^{(\text{[illegible]} - \mathrm{j_{sa}^{ik}}+1)} \sum_{(\mathrm{j_s}=2)}^{} $$

$$ \sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}}\text{[illegible]}\mathrm{j_{sa}}}^{\text{[illegible]}} \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathbf{l})} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}^{} $$

$$ \sum_{\mathrm{n_i}=\mathrm{Q}\text{[illegible]}}^{\mathrm{Q6;}} \sum_{\text{[illegible]}+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{\text{[illegible]}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} $$

$$ \sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3} \mathrm{Q05;} $$

$$ \frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot $$

$$ \frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot $$

$$ \frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - \mathbb{k}_2 - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(\mathrm{n_{sa}} - \mathrm{n_s} - \mathbb{k}_3 - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i} - \mathbb{k}_3)!} \cdot $$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}\text{[illegible]})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\text{[illegible]}-j_i)!}Q0\text{[illegible]}$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s\text{[illegible]}}^{\text{[illegible]}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j\text{[illegible]}j_{sa}^{ik}-j_{sa}}\sum_{(j\text{[illegible]}\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{\text{[illegible]}s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\text{[illegible]}\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{\text{[illegible]}_k=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n\text{[illegible]}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(\text{[illegible]}j_{ik}-j^{sa}\text{[illegible]})}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s-Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-\mathbf{n}-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}+j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1\leq\mathbf{l}\leq{}_{i}\mathbf{l}-1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_s}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D+\mathbf{l_s}-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-\mathbf{n}-1\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}^{s}<j_{sa}-1\wedge j_{sa}^{ik}<j_{sa}-1\wedge j_{sa}^{s}=j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\Bbbk_1,j_{sa}^{ik},\cdots,\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i},Q4;\}\wedge$

$s\geq 6\wedge\mathbf{s}=s+Q5;\wedge$

$\Bbbk_z:z=3\wedge\Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3\Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \ Q04; $$

$$ Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{i}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa}^{s} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

$\mathbf{s}\colon\{Q3;,j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\ldots,\mathbb{k}_2,j_{sa},\ldots,\mathbb{k}_3,j_{sa},Q4;\} \wedge$

$s \geq 6 \wedge s = s+Q5; \wedge$

$\mathbb{k}_z\colon z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q[illegible] \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$[illegible]\,000; \sum_{k=\mathbf{l}} \; \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\;)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \; \sum_{(j^{sa} = \mathbf{l_{sa}} + \mathbf{n} - D)}^{(\mathbf{l_s} + j_{sa} - \mathbf{l})} \; \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{[illegible]=Q7;+Q22;} \; \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s - Q23; + 1)} \; \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\;)} \; \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} + 1 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3; , j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4; \} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ [illegible]\ {}^{sa},j_i,D1;}^{B1\ [illegible]} [illegible]\ Q00; \sum_{k=\mathbf{l}}^{[illegible]} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}\ [illegible]\ D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q\ [illegible]}^{Q6;} \sum_{(n_{i}\ [illegible]\ +\mathbb{k}+Q8;-j_s+Q9;)}^{[illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\text{[illegible]})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ \text{Q0[illegible]}$$

$$\text{[illegible]00;}\sum_{\text{[illegible]}k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}\text{[illegible]})}^{\text{[illegible]}}$$

$$\sum_{j_{ik}=\text{[illegible]}+j_{sa}^{ik}-j_{sa}}\ \sum_{(\text{[illegible]}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l}\text{[illegible]})}\ \sum_{j_i=\text{[illegible]}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q2\text{[illegible]}}^{\text{[illegible]}20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;\text{[illegible]}+Q9;)}^{(n_i-\text{[illegible]}Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{\text{[illegible]}}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(\text{[illegible]}j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D >$ [illegible] $\mathbf{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D$ [illegible] $\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1 \wedge$

1 [illegible] j_s [illegible] $j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n} < \mathbf{l_{sa}} \leq D+\mathbf{l_{ik}}+j_{sa}-\mathbf{n}-j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_i [illegible] j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j_{sa}^{ik} [illegible]}^{\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n} [illegible])}^{[illegible] -\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{[illegible]} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j [illegible] Q9;)}^{(n [illegible] j_s+1)} \sum_{n_{ik}= [illegible] +\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is} [illegible]} $$

$$ \sum_{(n_{sa}= [illegible] +Q8; [illegible] +Q9;)}^{(n_{ik}+j_{ik}-j^{sa} [illegible])} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02; $$

$$Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l}_{sa}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l}_{ik}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l}_{sa}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l}_{sa}+j_{sa}^{ik}-\mathbf{l}_{ik}-j_{sa})!}{(j_{ik}+\mathbf{l}_{sa}-j^{sa}-\mathbf{l}_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l}_{sa}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l}_{ik}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j^{sa}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}=\mathbf{l_{sa}}\wedge$

$D+j_{sa}-\mathbf{n}<\mathbf{l_{sa}}\leq D+\mathbf{l_{ik}}+j_{sa}-\mathbf{n}-j_{sa}^{ik}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j_{sa}^{i}-1\wedge j_{sa}^{ik}<j_{sa}^{i}-1\wedge j_{sa}^{s}=j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$

$s\geq 6\wedge s=s+Q5;\wedge$

$\mathbb{k}_z:z=3\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}-1}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q0[illegible] \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(\ldots-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\ldots-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j_s-\mathbf{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j^{ik}_{sa}-D-j_{sa}}^{\ldots j^{ik}_{sa}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{s}_{sa})!\cdot(\mathbf{n}+j^{s}_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathrm{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}\colon \left\{\mathrm{Q3;}, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, \mathrm{Q4;}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + \mathrm{Q5;} \wedge$

$\mathbb{k}_z\colon z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,\text{[illegible]}}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D\text{[illegible]}}^{B1;} = \mathrm{Q00;} \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} $$

$$ \sum_{j_{ik}=\mathbf{l_{sa}}+\text{[illegible]}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-\text{[illegible]}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i\text{[illegible]};}^{\mathrm{Q}\text{[illegible]}} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+\mathrm{Q8;}-j_s+\mathrm{Q9;})}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-j_{ik}+\mathrm{Q9;}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-j^{sa}+\mathrm{Q9;})}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+\mathrm{Q8;}-j_i+\mathrm{Q9;}}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \mathrm{Q05;} $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\text{Q0[illegible]}$$

$$Q00;\sum_{k=\mathbf{l}}^{[illegible]-\mathbf{l}+1)}\sum_{(j_s[illegible]}$$

$$\sum_{j_{ik}=\mathbf{l_s}[illegible]-\mathbf{l}+1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l}-[illegible]}\sum_{(j^{[illegible]}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{[illegible]s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=[illegible]+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{[illegible]_{k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{[illegible]+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n[illegible]=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n[illegible]-j^{sa}[illegible]_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q04;}$$

$$\mathrm{Q000;}\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s\ldots)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s\ldots\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+\ldots j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{\ldots-j_i-\Bbbk_3}$$

$$\frac{(\mathrm{n_s}\ldots \mathrm{j_i}-\mathrm{j_s}-\ldots\mathrm{Q31;})!}{(\ldots+\mathrm{j_i}-\mathbf{n}-\mathrm{Q3}\ldots-\mathrm{j_{sa}^{s}})!\cdot(\ldots+\mathrm{j_{sa}^{s}}-\mathrm{j_s}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l}\ldots+\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q044;}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq \ldots \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + \ldots \wedge$

$\mathrm{D} \ldots \mathbf{l_s} + \mathrm{s} - \ldots - \mathbf{l_i} + 1 \ldots \mathbf{l} \leq\ _{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq \ldots \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} \ldots \wedge \mathrm{j_s} + \ldots \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} \ldots \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} \ldots - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \ldots \wedge \mathbf{l} \ldots \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} \ldots \mathbf{s} - \ldots \leq \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \ldots \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \Bbbk_1, \mathrm{j_{sa}^{ik}}, \cdots, \Bbbk_2, \mathrm{j_{sa}}, \cdots, \Bbbk_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}
$$

$$
\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l}-j_{sa}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot
$$

$$
\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot
$$

$$
Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q04;
$$

$$
Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-[illegible])!}{(\mathbf{l_s}-j_s [illegible] 1)!\cdot [illegible]-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq$ [illegible] $\leq j^{sa} + j_{sa}^{ik} -$ [illegible] $\wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} +$ [illegible] $- j_{sa} > \mathbf{l_{ik}}$ [illegible] $+ j_{sa}$ [illegible] $\wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s$ [illegible] $- 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2;$ [illegible]

$j_s < j_{sa}^{i} -$ [illegible] $j_{sa}^{ik} < j_{s}$ [illegible] $1 \wedge j_{sa}^{s} = j_{sa}^{ik}$ [illegible] $1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}$ [illegible] $, \mathbb{k}_2, j_{sa}$ [illegible] $j_{sa}, Q4;\} \wedge$

$s \geq 6$ [illegible] $= s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge$ [illegible] $= \mathbb{k}_1 +$ [illegible] $+ \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

Q[illegible] $$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - \mathbf{n} - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\ldots)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-\ldots+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}\ldots)!\cdot(j_{ik}-j_s\ldots+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\ldots\mathbf{l_{ik}}\ldots)!\cdot(j^{sa}+j\ldots-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$\ldots 000;\sum_{k=\mathbf{l}}^{(\ )}\ \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}\ldots+j^{ik}_{sa}-D-j_{sa}}^{\ldots+j^{ik}_{sa}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{\ldots=Q7;+Q22;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{s}_{sa})!\cdot(\mathbf{n}+j^{s}_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\ _{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} - \mathrm{j}_{sa}^{ik} + 1 \wedge$$

$$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j}_{sa}^{ik} + 1 \wedge \mathrm{j_s} + \mathrm{j}_{sa}^{ik} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j}_{sa}^{ik} - \mathrm{j_{sa}} \wedge$$

$$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - \mathrm{j}_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{sa}^{ik} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$$

$$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{j_{sa}} - \mathbf{n} - \mathrm{j}_{sa}^{ik} \wedge$$

$$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$$

$$\mathrm{j_{sa}} < \mathrm{j}_{sa}^{i} - 1 \wedge \mathrm{j}_{sa}^{ik} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{sa}^{s} = \mathrm{j}_{sa}^{ik} - 1 \wedge$$

$$\mathbf{s}: \{\mathrm{Q3;}, , \mathrm{j}_{sa}^{s}, \Bbbk_1, \mathrm{j}_{sa}^{ik}, \cdots, \Bbbk_2, \mathrm{j_{sa}}, \cdots, \Bbbk_3, \mathrm{j}_{sa}^{i}, \mathrm{Q4;}\} \wedge$$

$$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$$

$$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$$

$$f_{[illegible]}{}^{A1;}_{C1;}S^{B1;}_{\Rightarrow j_s, j_{ik}, j^{sa}, [illegible]} = \mathrm{Q}[illegible] \sum_{[illegible]\mathbf{l}}^{(\mathbf{l_{sa}}[illegible]\mathrm{D}-\mathrm{j_{sa}})} \sum_{(\mathrm{j_s}=2)} \sum_{\mathrm{j_{ik}}=\mathrm{j_s}[illegible]\mathrm{j_{sa}}-1} \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q}[illegible]}^{\mathrm{Q6;}} \sum_{(\mathrm{n}[illegible]+\Bbbk+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{[illegible]-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\Bbbk_2+\Bbbk_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\Bbbk_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\Bbbk_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\Bbbk_2)} \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\Bbbk_3} \mathrm{Q05;}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - \Bbbk_2 - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}} - \Bbbk_2)!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - \Bbbk_3 - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i} - \Bbbk_3)!} \cdot$$

$$\mathrm{Q06;} \frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}[illegible]}\ \sum_{(j_{[illegible]}=\mathbf{l_{sa}}+\mathbf{n}-[illegible]j_{sa}+1)}^{(\mathbf{l_{ik}}-[illegible]j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j^{ik}[illegible]}\ \sum_{(j^{sa}=j_{ik}+j_{sa}[illegible]k)}^{([illegible]-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;[illegible]+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}[illegible]\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{[illegible]-j[illegible]\Bbbk_1}$$

$$\sum_{(n_{sa}[illegible]\Bbbk_3+Q8;-j[illegible]+Q9;)}^{(n_{ik}+j_{ik}-j^{[illegible]}\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{[illegible]_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j^{ik}_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+j^{ik}_{sa}-1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )}\sum_{j_i=j^{sa}+s-[illegible]}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}[illegible]-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-[illegible])}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_s+[illegible]s-Q3[illegible])!}{(n_s[illegible]j_i-\mathbf{n}-Q3[illegible]j^{s}_{sa})!\cdot([illegible]j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s[illegible]+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{([illegible]D-\mathbf{l_i})!}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq$ [illegible] $-\mathbf{n}+1 \wedge$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j^{ik}_{sa}+2 \leq$ [illegible] $\leq {}_{\mathbf{i}}\mathbf{l}-1$ [illegible]

$1 \leq j_s$ [illegible] $j_{ik}-j^{ik}_{sa}+$ [illegible] $j_s+j^{ik}_{sa}-1 \leq$ [illegible] $j^{sa}+j^{ik}_{sa}-j_{sa} \wedge$

j^{s} [illegible] $= j_i+j_{sa}-$ [illegible] $\wedge j^{sa}+$ [illegible] $j_{sa} \leq j_i$ [illegible] $\mathbf{n} \wedge$

$\mathbf{l_{ik}}$ [illegible] $+1=\mathbf{l_s} \wedge$ [illegible] $+j^{ik}_{sa}-$ [illegible] $> \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

[illegible] $+j_{sa}-$ [illegible] $< \mathbf{l_{sa}} \leq D-$ [illegible] $\mathbf{l_{ik}}+j_{sa}-\mathbf{n}-j^{ik}_{sa} \wedge$

$D \geq$ [illegible] $< n \wedge Q$ [illegible]

$j_{sa} < j^{i}_{sa}-$ [illegible] $\wedge j^{ik}_{sa} < j_{sa}-1 \wedge j^{s}_{sa}=j^{ik}_{sa}-1 \wedge$

[illegible] $\{Q3;$ [illegible] $\Bbbk_1, j^{ik}_{sa}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5; \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3 \Rightarrow$

$$\mathrm{S}^{A1;B1;}_{fz,C1;\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j^{ik}_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+j^{ik}_{sa}-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j^{ik}_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+j^{ik}_{sa}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^s_{sa})!\cdot(\mathbf{n}+j^s_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$ [illegible]

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j^{ik}_{sa} +$ [illegible] $\wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq$ [illegible] $\leq j^{sa} + j^{ik}_{sa} -$ [illegible] $\wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge$ [illegible] $+ j_{sa}$ [illegible] $\wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_{ik}} + j_{sa} - \mathbf{n} - j^{ik}_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;$ [illegible]

$j_s < j^{i}_{sa} - 1 \wedge j^{ik}_{sa} < j_{sa} - 1 \wedge j^{s}_{sa} = j^{ik}_{sa} - 1 \wedge$

$\mathbf{s}: \{Q3;, j^{s}_{sa}, \mathbb{k}_1, j^{ik}_{sa},$ [illegible] $, \mathbb{k}_2, j_{sa},$ [illegible] $, \mathbb{k}_3, j^{i}_{sa}, Q4;\} \wedge$

$s \geq 6 \wedge$ [illegible] $= s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00;\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa})}$$

$$\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q05;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_s}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\ldots)!\cdot(j^{sa}+\ldots-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q00\ldots;\sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)}$$

$$\sum_{\ldots=j_s+j^{ik}_{sa}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{Q7;+Q22;}^{Q20\ldots}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{s}_{sa})!\cdot(\mathbf{n}+j^{s}_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$\mathrm{D} + \mathbf{l_{ik}} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} - \mathrm{j_{sa}^{ik}} + 2 \leq \mathbf{l} \leq\ {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{j_{sa}} - \mathbf{n} - \mathrm{j_{sa}^{ik}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}\colon \{\mathrm{Q3;}, , \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z\colon z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}^{\mathrm{A1;}}_{\mathrm{fz,C1;}}\mathrm{S}^{\mathrm{B1}\text{[illegible]}}_{\Rightarrow \mathrm{j_s},\text{[illegible]},\mathrm{j^{sa}},\mathrm{j_i},\mathrm{D1;}} \text{[illegible]}\ \mathrm{Q00;} \sum_{k=\mathbf{l}}^{(\mathbf{l_s}-\mathbf{l}-1)} \sum_{(\mathrm{j_s}=2)}
$$

$$
\sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathrm{j_{sa}}-1}^{\text{[illegible]}} \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}
$$

$$
\sum_{\mathrm{n_i}=\mathrm{Q}\text{[illegible]}}^{\mathrm{Q6;}} \sum_{(\text{[illegible]}+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{\text{[illegible]}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}
$$

$$
\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3} \mathrm{Q05;}
$$

$$
\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot
$$

$$
\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot
$$

$$
\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - \mathbb{k}_2 - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - \mathbb{k}_3 - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i} - \mathbb{k}_3)!} \cdot
$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q0[illegible]$$

$$Q000\sum_{\Bbbk=[illegible]}\ \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}[illegible])}^{(\mathbf{l_s}-\mathbf{l}-[illegible])}$$

$$\sum_{j_{ik}=[illegible]+j_{sa}^{ik}-1}\ \sum_{(j^{[illegible]}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{[illegible]s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q[illegible]}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;[illegible]+Q9;)}^{(n_i-[illegible]Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{([illegible]}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{([illegible]j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq [illegible]n \land \mathbf{l} \neq [illegible]_{\mathbf{i}} \land \mathbf{l_s} \leq D-\mathbf{n}+1 \land$

$2 \leq \mathbf{l} \leq D[illegible]_{\mathbf{s}}+s-\mathbf{n}-\mathbf{l_i} \land$

$[illegible]_{ik}-j_{sa}^{ik}+1 \land j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \land$

$j^{sa}=j_i+j_{sa}-s \land j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \land \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \land \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \land$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \land$

$D \geq \mathbf{n} < n \land Q2; \land$

$j_{sa} < j_{sa}^{i} - 1 \land j_{sa}^{ik} < j_{sa} - 1 \land j_{sa}^{s} = j_{sa}^{ik} - 1 \land$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \land$

$s \geq 6 \land \mathbf{s} = s + Q5; \land$

$\mathbb{k}_z: z = 3 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}}^{(\mathbf{l}[illegible]+\mathbf{n}-D-j_{sa})} \sum_{([illegible]2)}^{} \sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D[illegible]}^{\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-[illegible])}^{([illegible])} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-[illegible]Q9;)}^{(n_{[illegible]}j_s+1)} \sum_{n_{ik}=[illegible]\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{[illegible]\mathbb{k}_1}$$

$$\sum_{(n_{sa}=[illegible]\mathbb{k}_3+Q8;-[illegible]+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}[illegible])} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^s_{sa})!\cdot(\mathbf{n}+j^s_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \land \mathbf{l_s} \leq D-\mathbf{n}+1 \land$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \land$

$1 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \land j_s+j^{ik}_{sa}-1 \leq j_{ik} \leq j^{sa}+j^{ik}_{sa}-j_{sa} \land$

$j^{sa}=j_i+j_{sa}-s \land j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1 > \mathbf{l_s} \land \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \land$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \land$

$D \geq \mathbf{n} < n \land Q2;$

$j_s < j^i_{sa}-1 \land j^{ik}_{sa} < j_{sa}-1 \land j^s_{sa}=j^{ik}_{sa}-1 \land$

$\mathbf{s}: \{Q3;, , j^s_{sa}, \mathbb{k}_1, j^{ik}_{sa}, , \mathbb{k}_2, j_{sa}, , \mathbb{k}_3, j_{sa}, Q4;\} \land$

$s \geq 6 \land s = s+Q5; \land$

$\mathbb{k}_z: z=3 \land \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa})}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q[illegible]\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; -j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q044;}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}\colon \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z\colon z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{\mathrm{fz}}{}^{\mathrm{A1;}}\mathrm{S}^{\mathrm{B1;}}_{\Rightarrow \mathrm{j_s},\mathrm{j_{ik}},\mathrm{j}\text{[illegible]},\mathrm{j_i},\mathrm{D1;}} = \mathrm{Q00;}\sum_{k=\mathbf{l}}\ \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}}^{\text{[illegible]}}\ \sum_{(\mathrm{j^{sa}}=\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s})}^{(\ )}\ \sum_{\mathrm{j_i}=\mathbf{l_{ik}}+\mathrm{s}+\mathbf{n}-\mathrm{D}-\mathrm{j_{sa}^{ik}}}^{\mathbf{l_s}+\mathrm{s}-\mathbf{l}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}}^{\text{[illegible]}}\ \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+1)}\ \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)}\ \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}\ \mathrm{Q05;}$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}})!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-\mathbb{k}_2-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-[illegible])!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s[illegible]j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D[illegible])!}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot([illegible])!}Q02;$$

$$Q0[illegible]\sum\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+[illegible])}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}[illegible]}^{[illegible])}\sum_{[illegible]=j_i+j_{sa}-s)}\sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}\sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{([illegible]j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1 \text{[illegible]}}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i \text{[illegible]} +\mathbf{n} \text{[illegible]} -j_{sa}^{ik}}^{\mathbf{l_s} \text{[illegible]} -\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+ \text{[illegible]} Q8; \text{[illegible]} Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}= \text{[illegible]} +j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{i} \text{[illegible]} _k-j^{sa}-\mathbb{k}_2 \text{[illegible]}}^{(\ )} \sum_{\text{[illegible]} =n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j \text{[illegible]} - s - Q31;)!}{\text{[illegible]} + j_i - \text{[illegible]} - Q31; - \text{[illegible]} _a)! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l}$ [illegible] $\mathbf{l} \wedge \mathbf{l_s} \leq$ [illegible] $- \mathbf{n}$ [illegible] $\wedge$

$D + \mathbf{l}$ [illegible] $s - \mathbf{n} - \mathbf{l_i} +$ [illegible] $\leq \mathbf{l} \leq$ [illegible] $_i\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik}$ [illegible] $j_{sa}^{ik} + 1 \wedge$ [illegible] $+ j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

j^{sa} [illegible] $j_{sa} - s \wedge j$ [illegible] $+ s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} +$ [illegible] $\mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

[illegible] $< \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \left\{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} $$

$$ \sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+\ldots s-D-j^{ik}_{sa}}^{\mathbf{l_{ik}}+s-\mathbf{l}-j^{ik}_{sa}+1} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\ldots\Bbbk_2+\Bbbk_3+Q8;-j_{ik}\ldots}^{\ldots+j_s-j_{ik}-\ldots} $$

$$ \sum_{(n_{sa}=\ldots\Bbbk_3+Q8;-\ldots Q9;)}^{(n_{ik}+j_{ik}\ldots-\Bbbk_2)} \sum_{n_s=\mathbf{n}+\ldots Q9;}^{\ldots j^{sa}-j_i-\Bbbk_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j^{ik}_{sa} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \ Q04; $$

$$ Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )} $$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\;)} \sum_{j_i=\mathbf{l}_{ik}+s+\mathbf{n}-D-j_{sa}^{ik}}^{\mathbf{l}_s+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\;)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_s^{s})!\cdot(\mathbf{n}+j_{sa}-j_i-s)!}\cdot$$

$$\frac{(\mathbf{l}_s-\mathbf{l}-1)!}{(\mathbf{l}_s-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{ik}}+j_{sa}^{ik}-j_{sa} = \mathbf{l}^{sa} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{s}+1 \wedge j_{sa}^{ik} < j_{sa}^{i}+1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

$\mathbf{s}\colon \left\{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \ldots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\right\} \wedge$

$s \geq 6 \wedge s = s+Q5; \wedge$

$\mathbb{k}_z\colon z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\;,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q01;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q[illegible] \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-j_s-j^{ik}_{sa}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-[illegible])!\cdot(j_{ik}-j_s-j^{ik}_{sa}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j^{ik}_{sa})}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^s_{sa})!\cdot(\mathbf{n}+j^s_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1\leq\mathbf{l}\leq\ {}_{\mathbf{i}}\mathbf{l}-1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1>\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-\mathbf{n}-1\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j_{sa}^{i}-1\wedge j_{sa}^{ik}<j_{sa}-1\wedge j_{sa}^{s}=j_{sa}-1\wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+Q5;\wedge$

$\mathbb{k}_z:z=3\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$

$$f_{\ldots 1;}^{\ldots;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\text{ [illegible]})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_s\text{ [illegible] }+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}\text{ [illegible]})!\cdot(j_{ik}-j_s\text{ [illegible] }+1)!}\cdot$$

$$\frac{(D-\text{[illegible]})!}{(\text{[illegible]}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q0\text{[illegible]};$$

$$Q\text{[illegible]}0;\sum_{\text{[illegible]}=\mathbf{l}}^{\text{[illegible]}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{\text{[illegible]})}$$

$$\sum_{j_{ik}\text{ [illegible] }+j_{sa}^{ik}-j_s\text{[illegible]}}\ \sum_{(\text{[illegible]}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\text{[illegible]}j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{\text{[illegible]}Q7;+Q\text{[illegible]})}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, \text{[illegible]}}^{B1;} = Q00; \sum_{\text{[illegible]}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+\text{[illegible]})}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_s}+\text{[illegible]}-\mathbf{l}} \sum_{(\text{[illegible]}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{\text{[illegible]})} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q7;} \sum_{(n_{is}=\text{[illegible]}\mathbb{k}+Q8;-j_s+Q9;)}^{(\text{[illegible]}j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{\text{[illegible]}n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$
Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)[illegible]}^{(\mathbf{l_s}-\mathbf{l}+1)}[illegible]$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}[illegible]}^{(\quad)}\sum_{[illegible]=j^{s[illegible]}-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{i[illegible]}=\mathbf{n}+\mathbb{k}+Q8;-j[illegible]}^{(n_i-j_s+1)}\sum_{[illegible]\mathbf{n}+\mathbb{k}_2+[illegible]Q8;-j_{ik}+Q9;}^{[illegible]_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+[illegible]j^{sa}+Q9;)}^{([illegible]+j_{ik}-j^{sa}[illegible])}\sum_{[illegible]\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}[illegible]\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-[illegible])!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{([illegible]j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k})}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_s + \ldots - s - Q3\ldots)!}{(n_s + j_i - \mathbf{n} - Q31; j_{sa}^{s})! \cdot (\ldots - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \ldots + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \ldots - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \ldots - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} + 1 \leq \mathbf{l} \leq {}_{\mathbf{i}}\ldots 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + \ldots j_s + j_{sa}^{ik} - 1 \leq \ldots j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - \ldots \wedge j^{sa} + s \ldots j_{sa} \leq j_i \ldots \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_s} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} \leq \mathbf{l_i} \leq D + \mathbf{l} \ldots - s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2\ldots$

$j_{sa} < j_{sa}^{i} - \ldots \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\ldots \{Q3; j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} $$

$$ \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot $$

$$ \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04; $$

$$ Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{s}_{sa})!\cdot(\mathbf{n}+j^{s}_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \wedge j_s+j^{ik}_{sa}-1 \leq j_{ik} \leq j^{sa}+j^{ik}_{sa}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2;$

$j_s < j^{ik}_{sa}-1 \wedge j^{ik}_{sa} < j_{sa}-1 \wedge j^{s}_{sa}=j^{ik}_{sa}-1 \wedge$

$\mathbf{s}\colon \{Q3;, j^{s}_{sa}, \mathbb{k}_1, j^{ik}_{sa}, \ldots, \mathbb{k}_2, j_{sa}, \ldots, \mathbb{k}_3, j_{sa}, Q4;\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z\colon z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00;\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}+\mathbf{n}-D-j^{ik}_{sa})}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q04; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$$

$$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$$

$$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$$

$$\mathbf{s}: \{\mathrm{Q3;}, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, \mathrm{Q4;}\} \wedge$$

$$s \geq 7 \wedge \mathbf{s} = s + \mathrm{Q5;} \wedge$$

$$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$$

$$ {}^{A1;}_{fz,C1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D\,\text{[illegible]}} = \mathrm{Q00;} \sum_{k=\mathbf{l}}^{\text{[illegible]}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}\,\text{[illegible]}}^{j^{sa}+j_s\,\text{[illegible]}\,j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_s\,\text{[illegible]}\,\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{\text{[illegible]}Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}\,\text{[illegible]}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \mathrm{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$\mathrm{Q06;} \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\text{[illegible]})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\text{[illegible]}-j_i)!}Q0\text{[illegible]}$$

$$Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s-\text{[illegible]})}^{\text{[illegible]}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}\text{[illegible]}^{ik}+1}^{j^{sa}+j_{sa}^{ik}\text{[illegible]}}\ \sum_{(j^{s}\text{[illegible]}+j_{sa}-\mathbf{l}+1)}^{\text{[illegible]}-\mathbf{l}-j_{sa}^{ik}\text{[illegible]}}\ \sum_{j_i-\text{[illegible]}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\text{[illegible]}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{\text{[illegible]}_k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n\text{[illegible]}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n\text{[illegible]}-j^{sa}\text{[illegible]}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}\text{[illegible]})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\text{[illegible]}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_s+\dots-s-Q3\dots)!}{(n_s-j_i-\mathbf{n}-Q3\dots-j_{sa}^{s})!\cdot(\dots-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$\Big((D\geq\mathbf{n}<n\land\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\land\mathbf{l_i}\leq D+s-\mathbf{n}\land$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\land j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\land$

$j^{sa}=j_i+j_{sa}-s\land j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\land$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1>\mathbf{l_s}\land\mathbf{l_{sa}}+j^{sa}-j_{sa}>\mathbf{l_{ik}}\land\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}})\lor$

$(D\geq\mathbf{n}<n\land\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\land\mathbf{l_s}\leq D-\mathbf{n}+1\land$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\land j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\land$

$j^{sa}=j_i+j_{sa}-s\land j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\land$

$\mathbf{l_i}-s+1>\mathbf{l_s}\land$

$\mathbf{l_i}<D+s-\mathbf{n})\Big)\land$

$D\geq\mathbf{n}<n\land Q2;\land$

$j_{sa}<j_{sa}^{i}-1\land j_{sa}^{ik}<j_{sa}-1\land j_{sa}^{s}<j_{sa}^{ik}-1\land$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\cdots,\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i},Q4;\}\land$

$s \geq 7 \land \mathbf{s} = s + Q5; \land$

$\Bbbk_z : z = 3 \land \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right. $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

$$ \frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} + $$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\ \sum_{j_i=j^{sa}+s-[illegible]}^{[illegible]}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q0[illegible]$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \quad Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q0\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q0\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q0\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-[illegible])!}{(\mathbf{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$ [illegible]

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq$ [illegible] $\wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}$ [illegible] $j_{sa} - s = \mathbf{l_{sa}}$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_s}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{ Q044;}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge \text{Q2;} \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{\text{Q3;}, , j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_s$ [illegible] $\text{Q4;}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \text{Q5;} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,G}[illegible]^{B1;}_{\Rightarrow j_s, j_{ik}, [illegible]} D1 [illegible] \text{Q00;} \left(\sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} \right.$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \text{Q7;}}^{\text{Q}[illegible]} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + \text{Q8;} - j_s + \text{Q9;})}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + \text{Q8;} - j_{ik} + \text{Q9;}}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + \text{Q8;} - j^{sa} + \text{Q9;})}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + \text{Q8;} - j_i + \text{Q9;}}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} \text{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}\cdot$$

$$\frac{(D-[illegible])}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot(\mathbf{n}[illegible])}\Bigg)Q02;$$

$$Q00;\Bigg(\sum[illegible]\sum_{(j_i[illegible]-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-[illegible]}\sum_{(j^{sa}[illegible]+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}[illegible]1)}\sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}[illegible]\sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{([illegible]j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q044;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_i+j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-\dots)}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q2\dots} \sum_{(n_{is}=\mathbf{n}\dots+Q8;-j_s+\dots)}^{(n_i-j_s+Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{\dots}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \ge \mathbf{n} < n \land \mathbf{l} \ne {}_{i}\mathbf{l} \land \mathbf{l_i} \le D + s - \mathbf{n} \land$

$1 \le j_s \le j_{ik} - j_{sa}^{ik} \dots \land j_s + j_{sa}^{ik} - 1 \le j_{ik} \le j^{sa} + j_{sa}^{ik} - j_{sa} \land$

$j^{sa} \le j_i + j_{sa} - s \land j^{sa} + s - j_{sa} \le j_i \le \mathbf{n} \land$

$\mathbf{l_{ik}} - j_{sa}^{ik} + j_s = \mathbf{l_s} \land \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \land$

$D \ge \mathbf{n} < n \land Q2; \land$

$j_{sa} < j_{sa}^{i} - 1 \land j_{sa}^{ik} < j_{sa} - 1 \land j_{sa}^{s} < j_{sa}^{ik} - 1 \land$

$\mathbf{s}: \left\{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\right\} \land$

$s \ge 7 \land \mathbf{s} = s + Q5; \land$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{n}}
$$

$$
\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$
Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q04;
$$

$$
Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}[illegible]}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}[illegible]-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-[illegible])!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}[illegible])!\cdot(\mathbf{n}+j_{sa}[illegible]-s)!}\cdot$$

$$\frac{(\mathbf{l}_{[illegible]}-\mathbf{l}-1)!}{([illegible]-\mathbf{l}+[illegible])!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{([illegible]+j_i-\mathbf{n}[illegible])!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j^{ik}_{[illegible]} \leq j_{ik} \leq j[illegible] + j_{sa}^{ik} - j_{sa}[illegible]$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s[illegible] j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - [illegible] = \mathbf{l_{ik}} \wedge \mathbf{l_i} + [illegible]_{sa} - s = \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_s[illegible] < j_{sa}^{i} - 1 \wedge [illegible]^{ik} < j_{sa} [illegible] 1 \wedge j_{sa}^{s} < j^{ik}_{[illegible]} - 1 \wedge$

$\mathbf{s}: \{[illegible], j_{sa}^{s}, \cdots, \mathbb{k}_1, j[illegible], \cdots, \mathbb{k}_2, j[illegible], \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$[illegible] \geq 7 \wedge [illegible] s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} [illegible] + [illegible]_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q0\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_i}+j_{sa}^{ik}-\mathbf{l}-s+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - [illegible])!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{([illegible] - 1)!}{(n_s + j_i - \mathbf{n} - [illegible])! \cdot ([illegible] - j_i)!} \cdot$$

$$\frac{([illegible] - \mathbf{l} - 1)!}{([illegible] - j_s - \mathbf{l} [illegible] 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} [illegible] \mathbf{l_s} - j^{ik}_{sa} + [illegible])!}{(j_s + \mathbf{l_{ik}} [illegible] j_{ik} - \mathbf{l_s}[illegible])! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(D - [illegible])!}{(D + j_i [illegible] \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{ik}_{sa} + 1}^{\mathbf{l_s} + j^{ik}_{sa} - \mathbf{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j^{ik}_{sa})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; + Q22;}^{Q20;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s - Q23; + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j^{s}_{sa})! \cdot (\mathbf{n} + j^{s}_{sa} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$\underset{C1;\ \Rightarrow j_s,j_{ik}\text{[illegible]}j_i,D1;}{\overset{A1;\text{[illegible]}B1;}{S}} \text{[illegible]}000; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )} \right.$$

$$\sum_{\text{[illegible]}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\text{[illegible]}} \sum_{(j\text{[illegible]}j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+\text{[illegible]}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{\text{[illegible]}Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}\text{[illegible]}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\text{[illegible]})}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}\,\text{[illegible]}\,j_i)!}\right)Q0\text{[illegible]}$$

$$Q\text{[illegible]};\left(\sum_{\text{[illegible]}k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}\text{[illegible]}}^{(\text{[illegible]}}\right.$$

$$\sum_{j_{ik}=j\text{[illegible]}1}^{\mathbf{l_s}+j_{sa}^{ik}\text{[illegible]}}\ \sum_{(j^{sa}=j_{ik}\text{[illegible]}-j_{sa}^{ik})}^{\text{[illegible]}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{\text{[illegible]}7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}\text{[illegible]}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{\text{[illegible]}k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n\text{[illegible]}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}\text{[illegible]}\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}-j_{sa}}$$

$$\sum_{n_i=Q7;-Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+Q8;-j_s)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_{sa}-s-Q31;)!}{(n_s+j_i-\ -Q31;-j_{sa})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\ \mathbf{l}\wedge\mathbf{l_i}\leq\ \ +s-\ \wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+\ \ -j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-\ \ +1>\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$D\geq\mathbf{n}<n\ \ Q2;\wedge$

$j_{sa}^{i}\ \ \ 1\wedge j_{sa}^{ik}<j_{sa}-1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$

$s\geq 7\wedge\mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z:z=3\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$

$$ {}^{A1;B1;}_{fz,C1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} \text{Q05;}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\text{Q0}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\text{Q02;}$$

$$\text{Q00;}\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} \text{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_s+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_s}-s)!}{(j^{sa}+\mathbf{l_i}-\mathbf{l_s}-j_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$$1 \le j_s \le j_{ik} - j_{sa}^{ik} + 1 \land j_s + j_{sa}^{ik} - 1 \le j_{ik} \le j^{sa} + j_{sa}^{ik} - j_{sa} \land$$

$$j^{sa} = j_i + j_{sa} - s \land j^{sa} + s - j_{sa} \le j_i \le \mathbf{n} \land$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \land \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \land$$

$$D \ge \mathbf{n} < n \land Q2; \land$$

$$j_{sa} < j_{sa}^{i} - 1 \land j_{sa}^{ik} < j_{sa} - 1 \land j_{sa}^{s} < j_{sa}^{ik} - 1 \land$$

$$\mathbf{s}: \{Q3; , j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \land$$

$$s \ge 7 \land \mathbf{s} = s + Q5; \land$$

$$\mathbb{k}_z: z = 3 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, \text{[illegible]}}^{B1;} = Q00; \sum_{\text{[illegible]}}^{\text{[illegible]}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+\text{[illegible]})}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}\text{[illegible]}^{ik}-\mathbf{l}} \sum_{(\text{[illegible]}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+\text{[illegible]}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{\text{[illegible]}} \sum_{(n_{is}=\text{[illegible]}\mathbb{k}+Q8;-j_s+Q9;)}^{(\text{[illegible]}j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\cdot \text{[illegible]}2;$$

$$Q00;\sum_{k=\text{[illegible]}}^{\text{[illegible]}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\text{[illegible]}}^{\mathbf{l_{ik}}-\mathbf{l}+1}\;\sum_{(j^{sa}=j_{ik}+j_{sa}\text{[illegible]}k)}^{(\mathbf{l_i}+\text{[illegible]}-\mathbf{l}-s+1)}\;\sum_{j_i=j^{sa}+s-j_{sa}}^{\text{[illegible]}}$$

$$\sum_{n_i=Q7;}^{Q6;}\;\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;\text{[illegible]}+Q9;)}^{(n_i-j_s+1)}\;\sum_{n_{ik}\text{[illegible]}\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j\text{[illegible]}\mathbb{k}_1}$$

$$\sum_{(n_{sa}\text{[illegible]}\mathbb{k}_3+Q8;-j\text{[illegible]}+Q9;)}^{(n_{ik}+j_{ik}-j\text{[illegible]}\mathbb{k}_2)}\;\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{\text{[illegible]}_{sa}+j^{sa}-j_i-\mathbb{k}_3}\;Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(\text{[illegible]}_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s-Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-\mathbf{n}-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\ +j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$\Big((D \geq \mathbf{n} < n \land \mathbf{l} > \mathbf{l} \land \mathbf{l_i} \leq D + s - \mathbf{n} \land$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \land j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \land$

$j^{sa} = j_i + j_{sa} - s \land j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \land \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \lor$

$(D \geq \mathbf{n} < n \land \mathbf{l} < \mathbf{l_s} \leq D - \mathbf{n} + 1 \land$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \land j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \land$

$j^{sa} = j_i + j_{sa} - s \land j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_i} - s + 1 > \mathbf{l_s} \land$

$\mathbf{l_i} \leq D + s - \mathbf{n})\Big) \land$

$D \geq \mathbf{n} < n \land Q2; \land$

$j_{sa} < j_{sa}^{i} - 1 \land j_{sa}^{ik} < j_{sa} - 1 \land j_{sa}^{s} < j_{sa}^{ik} - 1 \land$

$$\mathbf{s}\colon \left\{Q3;,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\right\}\wedge$$

$$s\geq 7\wedge \mathbf{s}=s+Q5;\wedge$$

$$\mathbb{k}_z\colon z=3\wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\ [illegible]\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j^{sa}[illegible]-j_{sa}}^{[illegible]}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s[illegible]Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}[illegible]\mathbb{k}_2+\mathbb{k}_3[illegible]8;-j_{ik}+Q9;}^{[illegible]+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q[illegible]j^{sa}+Q9;)}^{([illegible]j_{ik}-j^{sa}-[illegible])}\ \sum_{n_s[illegible]\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j[illegible]\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-[illegible])!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}[illegible]j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{([illegible]-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q0$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\;)}\sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-\cdots)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}\cdots)!\cdot(\mathbf{n}+j_{sa}\cdots-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\cdots-\mathbf{l}+\cdots)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_i}\leq D+s-\mathbf{n}\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}\cdots\leq j_{ik}\leq j\cdots+j_{sa}^{ik}-j_{sa}\cdots$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-\cdots>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}^{s}<j_{sa}^{i}-1\wedge j_{sa}^{ik}<j_{sa}-1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$

$s\geq7\wedge S=s+Q5;\wedge$

$\mathbb{k}_z:z=3\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\;,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q0 \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\;)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(\mathrm{n_s}+\mathrm{j_i}-\mathrm{j_s}-\mathrm{s}-\mathrm{Q31;})!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-\mathrm{Q31;}-\mathrm{j_{sa}^{s}})!\cdot(\mathbf{n}+\mathrm{j_{sa}^{s}}-\mathrm{j_s}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q44;}$$

$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_i}\leq\mathrm{D}+\mathrm{s}-\mathbf{n}\wedge$

$1\leq\mathrm{j_s}\leq\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1\wedge\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1\leq\mathrm{j_{ik}}\leq\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j^{sa}}=\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-\mathrm{j_{sa}^{ik}}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}>\mathbf{l_{sa}}\wedge$

$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathrm{Q2;}\wedge$

$\mathrm{j_{sa}}<\mathrm{j_{sa}^{i}}-1\wedge\mathrm{j_{sa}^{ik}}<\mathrm{j_{sa}}-1\wedge\mathrm{j_{sa}^{s}}<\mathrm{j_{sa}^{ik}}-1\wedge$

$\mathbf{s}:\{\mathrm{Q3;},\mathrm{j_{sa}^{s}},\cdots,\Bbbk_1,\mathrm{j_{sa}^{ik}},\cdots,\Bbbk_2,\mathrm{j_{sa}},\cdots,\Bbbk_3,\mathrm{j_{sa}^{i}},\mathrm{Q4;}\}\wedge$

$\mathrm{s}\geq7\wedge\mathbf{s}=\mathrm{s}+\mathrm{Q5;}\wedge$

$\Bbbk_\mathrm{z}:\mathrm{z}=3\wedge\Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3\Rightarrow$

$${}_{\mathrm{fz,C1;}}^{\mathrm{A1;}}S_{\Rightarrow\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i},\mathrm{D1;}}^{\mathrm{B1;}}=\mathrm{Q00;}\left(\sum_{k=\mathbf{l}}\sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-\mathrm{j_{sa}^{ik}}+2)}\right.$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1}\ \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}}^{\mathrm{Q6;}}\ \sum_{(\mathrm{n_{is}}=\mathbf{n}+\Bbbk+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+1)}\ \sum_{\mathrm{n_{ik}}=\mathbf{n}+\Bbbk_2+\Bbbk_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\Bbbk_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\Bbbk_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\Bbbk_2)}\ \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\Bbbk_3}\ \mathrm{Q05;}$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-\Bbbk_1-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} \text{[illegible]})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} \text{[illegible]}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} \text{[illegible]} j_{sa})!} \cdot$$

$$\left.\frac{(D - \text{[illegible]})!}{(D \text{[illegible]} - \mathbf{l_i})! \text{[illegible]} - j_i)!}\right) Q0\text{[illegible]}$$

$$Q\text{[illegible]} \left(\sum_{\text{[illegible]}=\mathbf{l}} \sum_{(j_s=2)}^{\text{[illegible]} j_{sa}^{ik}+2)} \right.$$

$$\sum_{\text{[illegible]}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\text{[illegible]}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q\text{[illegible]}}^{Q6;} \sum_{\text{[illegible]}+\Bbbk+Q8;-j_s+Q9;)}^{\text{[illegible]}-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$\mathrm{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\text{[illegible]})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\text{[illegible]})!}{(D+j_i-\text{[illegible]}-\mathbf{l_i})!\cdot(\mathbf{n}-\text{[illegible]})!}\Bigg)\ \mathrm{Q04;}$$

$$\text{[illegible]}000;\sum\ \sum_{\text{[illegible]}=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2\text{[illegible]})}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\text{[illegible]}}\ \sum_{(\text{[illegible]}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{\text{[illegible]})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q\text{[illegible]}}^{\text{[illegible]}Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q2\text{[illegible]}1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ \mathrm{Q044;}$$

$\text{[illegible]} > \mathbf{n} \text{[illegible]} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$\mathrm{j_{sa}} < \mathrm{j^{i}_{sa}} - 1 \wedge \mathrm{j^{ik}_{sa}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j^{s}_{sa}} < \mathrm{j^{ik}_{sa}} - 1 \wedge$

$\mathbf{s}\colon \left\{\mathrm{Q3;}, \mathrm{j^{s}_{sa}}, \cdots, \mathbb{k}_1, \mathrm{j^{ik}_{sa}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j^{i}_{sa}}, \mathrm{Q4;}\right\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z\colon z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{[illegible]} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}[illegible])} $$

$$ \sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+[illegible]_{sa}}^{[illegible]} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+[illegible]Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+[illegible]_{ik}+Q9;}^{n_{is}[illegible]-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{\left(\mathbf{l_{sa}} + j^{ik}_{sa} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04; $$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{\dots}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}\dots-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}\dots)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_s+\dots-s-Q\dots)!}{(n_s\dots j_i-\mathbf{n}-Q3\dots-j_{sa}^{s})!\cdot\dots+\dots-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\dots\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\dots-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq\ _{i}\mathbf{l} \wedge \mathbf{l_i} \leq \dots + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{i\dots} \dots 1 \leq j_{ik} \leq j\dots + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = \dots + j_{sa} - s \wedge j\dots + s - j_{sa} \leq j_i \dots \mathbf{n} \wedge$

$\mathbf{l_i}\dots - j_{sa}^{ik} + 1 \dots \wedge \mathbf{l_{sa}} + \dots^{k} - j_{sa} = \mathbf{l_k} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D \geq \dots < n \wedge Q2; \wedge$

$\dots < j_{sa}^{i} \dots 1 \wedge j_{sa}^{ik} < j_{sa} \dots 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}\colon \{Q3;, j_{sa}^{s}, \cdots, \dots j^{ik}\dots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} \dots s + Q5; \wedge$

$\Bbbk_z : z = 3 \dots \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_i}+j_{sa}^{ik}-\mathbf{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+\text{[illegible]}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;\text{[illegible]}+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q0\text{[illegible]}$$

$$\frac{(n_i \text{[illegible]} - 1)!}{(j_s - 2\text{[illegible]}(n_i - n_{is} \text{[illegible]} + 1)!} \cdot$$

$$\frac{(n_{\text{[illegible]}} - n_{ik} - \Bbbk\text{[illegible]} - 1)!}{(j_{ik} - j_s - 1\text{[illegible]}(\text{[illegible]} + j_s - n\text{[illegible]} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n\text{[illegible]} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1\text{[illegible]} (n_{ik} + \text{[illegible]} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} \text{[illegible]} n_s - \Bbbk_3 \text{[illegible]} 1)!}{(j_i \text{[illegible]} j^{sa} - 1)! \cdot (n\text{[illegible]} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_s} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}}$

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1$

$\mathbf{s}\colon \{Q3;,j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\cdots,\Bbbk_2,j_{sa},\cdots,\Bbbk_3,\ldots Q4;\}$

$s \geq 7 \wedge \mathbf{s}=s+Q5;\wedge$

$\Bbbk_z\colon z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q02;$$

$$Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} \right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q00;\sum\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q\ldots}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q2\ldots1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < \ldots \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j^{i}_{sa} - 1 \wedge j^{ik}_{sa} < j_{sa} - 1 \wedge j^{s}_{sa} < j^{ik}_{sa} - 1 \wedge$

$\mathbf{s}: \{Q3;, j^{s}_{sa}, \cdots, \Bbbk_1, j^{ik}_{sa}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S^{B1;}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \left(\sum \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}\ldots)} \right. $$

$$ \sum_{j_{ik}=j_s+j^{ik}_{sa}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ldots)} \sum_{j_i=j^{sa}+\ldots_{a}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk\ldots+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3\ldots-j_{ik}+Q9;}^{n_{is}+\ldots-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j\ldots+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j^{ik}_{sa} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot $$

$$ \left. \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \right) Q02; $$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_s+1)!\cdot(\mathbf{n}+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

$j_{sa}^{s} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5;\wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q03;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; -j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - \ )!}$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \ )!} \ Q044;$$

$\Big((D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} \ \ > \mathbf{l_{sa}})$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq \ \ + j_{sa}^{ik} - j_{sa}$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s \ \ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_i} - s + 1 > \mathbf{l_s} \wedge$

$\mathbf{l_i} \leq D + s - \mathbf{n})\Big) \wedge$

$D \ \ \mathbf{n} < n \wedge \ \ 2; \wedge$

$j_{sa} \ \ j_{sa}^{i} - 1 \wedge j_{sa}^{ik} \ \ j_{sa} - 1 \wedge \ \ j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3; , \ \ \cdots, \Bbbk_1, j_{sa}^{ik}, \ \ \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = \ \ Q5; \wedge$

$\Bbbk_2 \ \ = \ \ \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s \ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \Bigg(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q04;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}\text{[illegible]})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-\text{[illegible]}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n\text{[illegible]}-\mathbb{k}_3-\text{[illegible]})}{(j_i-j^{sa}-1)!\cdot(n_{sa}\text{[illegible]}{}^{sa}-n_s-j_i-\text{[illegible]})!}\cdot$$

$$Q\text{[illegible]}\frac{(n\text{[illegible]}1)!}{\text{[illegible]}(n_s+j\text{[illegible]}\mathbf{n}-\text{[illegible]}\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\text{[illegible]}\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}\text{[illegible]}{}_s-j_{sa}^{ik}+1\right)!}{(j_s\text{[illegible]}\mathbf{l_{ik}}-j_{ik}-\text{[illegible]})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}\text{[illegible]}j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\text{[illegible]}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{\text{[illegible]}j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\;)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3} \frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\quad Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{ik}}+s-\mathbf{n}-j_{sa}^{ik}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j_{sa}^{i}-1\wedge j_{sa}^{ik}<j_{sa}-1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\cdots,\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i},Q4;\}\wedge$

$s\geq7\wedge\mathbf{s}=\Bbbk+Q5;\wedge$

$\Bbbk_z:z=3\wedge\Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3\Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\;)}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_s}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

$$[illegible]\sum_{[illegible]=j^{sa}+j^{ik}_{sa}-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j^{ik}_{sa}+1}$$

$$\sum_{[illegible]=Q7;+Q22;}^{[illegible]}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{s}_{sa})!\cdot(\mathbf{n}+j^{s}_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\ _{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$\mathrm{D} + \mathbf{l_{ik}} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} - \mathrm{j_{sa}^{ik}} + 2 \leq \mathbf{l} \leq \ _{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}^{ik}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$f_{C1;}{}^{A1;}S^{B1;}_{\Rightarrow \mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \text{[illegible]}} = \mathrm{Q}\text{[illegible]} \sum_{\text{[illegible]}} \sum_{(\mathrm{j_s} = \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1)}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}} = \mathrm{j_{sa}^{ik}} + 1}^{\mathbf{l_{ik}} - \mathbf{l} + \text{[illegible]}} \sum_{(\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s})}^{(\ )} \sum_{\mathrm{j_i} = \mathbf{l_i} + \mathbf{n} - \mathrm{D}}^{\mathbf{l_i} - \mathbf{l} + 1}$$

$$\sum_{\mathrm{n_i} = \mathrm{Q}\text{[illegible]}}^{\mathrm{Q6;}} \sum_{\text{[illegible]} \mathbf{n} + \mathbb{k} + \mathrm{Q8;} - \mathrm{j_s} + \mathrm{Q9;})}^{\text{[illegible]} - \mathrm{j_s} + 1)} \sum_{\mathrm{n_{ik}} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + \mathrm{Q8;} - \mathrm{j_{ik}} + \mathrm{Q9;}}^{\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{j_{ik}} - \mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}} = \mathbf{n} + \mathbb{k}_3 + \mathrm{Q8;} - \mathrm{j^{sa}} + \mathrm{Q9;})}^{(\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{j^{sa}} - \mathbb{k}_2)} \sum_{\mathrm{n_s} = \mathbf{n} + \mathrm{Q8;} - \mathrm{j_i} + \mathrm{Q9;}}^{\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{j_i} - \mathbb{k}_3} \mathrm{Q05;}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - \mathbb{k}_2 - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}} - \mathbb{k}_2)!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - \mathbb{k}_3 - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i} - \mathbb{k}_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\text{[illegible]})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q0\text{[illegible]}$$

$$\text{[illegible]}00;\sum_{k=\mathbf{l}}^{\text{[illegible]}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}\text{[illegible]})}^{\text{[illegible]})}$$

$$\sum_{j_{ik}=j\text{[illegible]}_{sa}^{ik}-j_{sa}}^{(\ \ )}\ \sum_{(j\text{[illegible]}+j_{sa}-s)}\ \sum_{j_i=\text{[illegible]}\mathbf{n}-D}^{\text{[illegible]}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;+Q2\text{[illegible]}}^{\text{[illegible]}20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;\text{[illegible]}+Q9;)}^{(n_i-\text{[illegible]}Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\text{[illegible]}}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(\text{[illegible]}j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\text{[illegible]}\wedge\mathbf{l}\neq\text{[illegible]}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D\text{[illegible]}_{\mathbf{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1\wedge$

$\text{[illegible]}\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}\wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \Bigg(\sum_{k=\mathbf{l}} \sum_{(j_s=j_i [illegible] j_{sa}^{ik}+1)}^{([illegible])} \sum_{j_{ik}= [illegible]}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}- [illegible]}^{ [illegible])} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s [illegible] +1}
$$

$$
\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;- [illegible] Q9;)}^{(n [illegible] j_s+1)} \sum_{n_{ik}= [illegible] \mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is} [illegible]}
$$

$$
\sum_{(n_{sa}= [illegible] +Q8; [illegible] +Q9;)}^{(n_{ik}+j_{ik}-j^{sa} [illegible])} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$
Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\;)} \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

Q0[illegible] $$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_s}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j_s - \mathbf{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j^{ik}_{sa} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_{ik}} + s - \mathbf{l} - j^{ik}_{sa} + 1}$$

$$\sum_{n_i = Q7; + Q22;}^{Q20;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s - Q23; + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j^s_{sa})! \cdot (\mathbf{n} + j^s_{sa} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq\ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2 \leq \mathbf{l} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;$ [illegible]

$s \geq 7 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

A[illegible]B1; fz,C1; [illegible] $,j_{ik},j^{sa},j_i,$ [illegible]

$$Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{[illegible]}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa})!}\cdot$$

$$\frac{(D-\text{[illegible]})!}{(D+j_i-\text{[illegible]}-\mathbf{l_i})!\cdot(\mathbf{n}\text{[illegible]})!}\Bigg)Q02;$$

$$Q00;\Bigg(\sum_{\text{[illegible]}}\ \sum_{(j_{\text{[illegible]}}-j^{ik}_{sa}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{\mathbf{l_{\text{[illegible]}}}-\mathbf{l}+1}\ \sum_{\text{[illegible]}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+\text{[illegible]}-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{\text{[illegible]}}\ \sum_{(n_{is}=\text{[illegible]}\Bbbk+Q8;-j_s+Q9;)}^{(\text{[illegible]}j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\right)\mathrm{Q04;}$$

$$\mathrm{Q000;}\sum_{\mathrm{k}=\mathbf{l}}\sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}}\sum_{(\mathrm{j^{sa}}=\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s})}^{(\ )}\sum_{\mathrm{j_i}=\text{[illegible]}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_{ik}}+\mathrm{s}-\mathbf{l}-\mathrm{j_{sa}^{ik}}\text{[illegible]}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}+\mathrm{Q22;}}^{\mathrm{Q20;}}\sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}\text{[illegible]})}^{(\mathrm{n_i}-\mathrm{j_s}-\mathrm{Q23;}+1)}\sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}\text{[illegible]}\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}+\text{[illegible]}\mathrm{j^{sa}}-\mathbb{k}_2)}^{(\ )}\sum_{\text{[illegible]}-\mathrm{j_i}-\mathbb{k}_3}$$

$$\frac{(\mathrm{n_s}\text{[illegible]}-\mathrm{j_s}-\text{[illegible]}\mathrm{Q31;})!}{(\text{[illegible]}+\mathrm{j_i}-\mathbf{n}-\mathrm{Q3}\text{[illegible]}-\mathrm{j_{sa}^{s}})!\cdot(\text{[illegible]}+\mathrm{j_{sa}^{s}}-\mathrm{j_s}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l}\text{[illegible]}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q044;}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq \text{[illegible]} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + \text{[illegible]} \wedge$

$\mathrm{D}\text{[illegible]}\mathbf{l_{sa}} + \mathrm{s} - \text{[illegible]} - \mathbf{l_i} - \mathrm{j_s}\text{[illegible]} + 2 \leq \mathbf{l} \leq \text{[illegible]}\mathbf{l} - 1 \wedge$

$1 \leq \text{[illegible]} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + \text{[illegible]} \wedge \mathrm{j_s} + \text{[illegible]} \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} \text{[illegible]} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \text{[illegible]} \wedge \mathbf{l}\text{[illegible]}\mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D}\text{[illegible]}\mathrm{s} - \text{[illegible]} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n}\text{[illegible]}\mathrm{Q2;}\wedge$

$\mathrm{j_{sa}}\text{[illegible]} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}\colon \left\{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\right\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;}\wedge$

$\mathbb{k}_\mathrm{z}\colon \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l}_{ik}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l}_{sa}+\mathbf{n}-D)}^{(\mathbf{l}_{sa}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l}_i+\mathbf{n}-D}^{\mathbf{l}_i-\mathbf{l}+1}
$$

$$
\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot
$$

$$
\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot
$$

$$
Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot
$$

$$
\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;
$$

$$
Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}[illegible]}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s [illegible])!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa} [illegible])!\cdot(\mathbf{n}+j_{sa} [illegible] -s)!}\cdot$$

$$\frac{(j_s-\mathbf{l}-1)!}{([illegible] -\mathbf{l}+ [illegible])!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{([illegible]+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}- [illegible] \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s [illegible] j_{sa}^{ik}-1 \leq j_{ik} [illegible] j^{sa}+j_{sa}^{ik} [illegible] j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} [illegible] j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}- [illegible] +1=\mathbf{l_s} [illegible] +j_{sa}^{ik}-j_{sa} > [illegible] \wedge \mathbf{l} [illegible] j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D [illegible] s-\mathbf{n} < [illegible] D+\mathbf{l_{ik}} [illegible] s-\mathbf{n}-j_{sa}^{ik} \wedge$

$D [illegible] \mathbf{n} < n \wedge Q2; \wedge$

$[illegible] < j_{sa}^{i} [illegible] 1 \wedge j_{sa}^{ik} < j_{sa} [illegible] 1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}\colon \{Q3;, j_{sa}^{s}, \cdots, [illegible] j_{sa}^{ik}, [illegible], \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} [illegible] s+Q5; \wedge$

$\mathbb{k}_z\colon z=3 [illegible] \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\;\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\;)}\;\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;}^{Q6;}\;\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\;\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\;\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\;\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\;\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\;)}\;\sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\;\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\;\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}\text{[illegible]})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-\text{[illegible]}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n\text{[illegible]}-\mathbb{k}_3-\text{[illegible]})!}{(j_i-j^{sa}-1)!\cdot(n_{sa}\text{[illegible]}{}^{sa}-n_s-j_i-\text{[illegible]})!}\cdot$$

$$Q\text{[illegible]}\frac{(n\text{[illegible]}1)!}{(n_s+j\text{[illegible]}\mathbf{n}-\text{[illegible]})!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\text{[illegible]}\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s\text{[illegible]}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l}\text{[illegible]}-j^{sa}-\mathbf{l_{ik}}\text{[illegible]})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2 \leq \mathbf{l} \leq \ {}_{\mathbf{i}}\mathbf{l}-1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}-1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, \ Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{j_s,j_{ik},j^{sa},j_i,D1;}^{F} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\dots)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\dots\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}\dots j_{sa})!}\cdot$$

$$\frac{(D-\dots)!}{(\dots\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q0\dots;$$

$$Q\dots0;\sum_{\dots=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{\dots)}$$

$$\sum_{j_{ik}\dots}\ \sum_{\dots sa}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{\dots Q7;+Q\dots}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq\ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, \text{[illegible]}}^{B1;} = Q00; \sum_{k=\text{[illegible]}}^{\text{[illegible]}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+\text{[illegible]})} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}\text{[illegible]}}^{\text{[illegible]}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\;)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}} $$

$$ \sum_{n_i=Q7;}^{\text{[illegible]}} \sum_{(n_{is}=\text{[illegible]}\mathbb{k}+Q8;-j_s+Q9;)}^{(\text{[illegible]}-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)[illegible]}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+j_s[illegible])}^{(\ )}\sum_{j_i=\mathbf{l_s}[illegible]-\mathbf{l}+1}^{[illegible]-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j[illegible])}^{(n_i-j_s+1)}\sum_{[illegible]\mathbf{n}+\Bbbk_2+[illegible]Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+[illegible]-j^{sa}+Q9;)}^{[illegible]+j_{ik}-j^{sa}[illegible])}\sum_{[illegible]=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}[illegible]\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-[illegible])!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-[illegible]j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{([illegible]^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+\cdots-s-Q3\cdots)!}{(n_s-j_i-\mathbf{n}-Q3\cdots-j_{sa}^{s})!\cdot(\cdots+\mathbf{l_s}\cdots-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} + 1 \leq \mathbf{l} \leq \mathbf{l_i} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_i} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\mathbf{l_s} + s - \mathbf{l} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge$ Q[illegible]

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3;, j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1} $$

$$ \sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot $$

$$ \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04; $$

$$ Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}} $$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^s)!\cdot(\mathbf{n}+j_{sa}^s-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{i}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;$

$j_{sa}^{s} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}^{i}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{Q3;,,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\} \wedge$

$s \geq 7 \wedge S=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - [illegible])!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{([illegible] - 1)!}{(n_s + j_i - \mathbf{n} - [illegible])! \cdot ([illegible] - j_i)!} \cdot$$

$$\frac{([illegible] - \mathbf{l} - 1)!}{([illegible] - j_s - \mathbf{l} [illegible])! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + [illegible] - \mathbf{l_{ik}} - j_{sa} [illegible])}{(j_{ik} + \mathbf{l_{sa}} - [illegible] - \mathbf{l_{ik}})! \cdot ([illegible]^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l}[illegible])}{(D + j_i - [illegible]\mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \Bigg) Q02;$$

$$Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-[illegible])!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-[illegible]_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-[illegible]-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}}[illegible])!\cdot(j_i+j_{sa}-[illegible]-s)!}\cdot$$

$$\frac{([illegible]-\mathbf{l_i})!}{([illegible]_i-\mathbf{n}-[illegible])!\cdot(\mathbf{n}-j_i)!}$$

$$[illegible]\sum_{[illegible]=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{[illegible])}$$

$$\sum_{j_{ik}[illegible]}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\sum_{[illegible]^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{([illegible]-j_{sa}-s-1)}\sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=[illegible]}^{Q6;}\sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{([illegible]-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}\ [illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}\ [illegible])}^{[illegible]}$$

$$\sum_{j_{ik}=[illegible]+1}^{\mathbf{l_s}+j_{sa}^{ik}\ [illegible]}\ \sum_{(j^{sa}=[illegible]\mathbf{n}-D)}^{[illegible]\mathbf{l}+1)}\ \sum_{j_i=\mathbf{l_{sa}}+[illegible]-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=[illegible]+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{[illegible]_k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{[illegible]+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n[illegible]=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n[illegible]-j^{sa}[illegible]_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathrm{j^{sa}}+\mathbf{l_i}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-\mathrm{s})!}\cdot$$

$$\left.\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\right)\ \mathrm{Q04;}$$

$$\mathrm{Q000;}\sum_{\mathrm{k}=\mathbf{l}}\ \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1\text{[illegible]})}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}}\ \sum_{(\mathrm{j^{sa}}=\mathrm{j_i}+\text{[illegible]})}^{(\ )}\ \sum_{\mathrm{j_i}=\text{[illegible]}\mathbf{n}-\mathrm{D}}^{\mathbf{l_s}+\mathrm{s}-\mathbf{l}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}+\mathrm{Q22;}}^{\mathrm{Q20;}}\ \sum_{(\mathrm{n_{is}}=\mathbf{n}+\text{[illegible]}\mathrm{Q8;}\text{[illegible]})}^{(\mathrm{n_i}-\mathrm{j_s}-\mathrm{Q23;}+1)}\ \sum_{\mathrm{n_{ik}}=\text{[illegible]}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)}^{(\ )}\ \sum_{\text{[illegible]}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}$$

$$\frac{(\mathrm{n_s}+\mathrm{j_i}-\text{[illegible]}-\mathrm{s}-\mathrm{Q31;})!}{(\text{[illegible]}+\mathrm{j_i}-\text{[illegible]}-\mathrm{Q31;}-\text{[illegible]})!\cdot(\mathbf{n}+\mathrm{j_{sa}^{s}}-\mathrm{j_s}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q044;}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \land \mathbf{l}$ [illegible] $\mathbf{l} \land \mathbf{l_s} \leq$ [illegible] $- \mathbf{n}$ [illegible] $\land$

$\mathrm{D} +$ [illegible] $+ \mathrm{s} - \mathbf{n} - \mathbf{l_i}$ [illegible] $+ 2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} - \mathrm{j_{sa}} + 1 \land$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}}$ [illegible] $\mathrm{j_{sa}^{ik}} + 1 \land$ [illegible] $+ \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \land$

$\mathrm{j^{sa}} =$ [illegible] $+ \mathrm{j_{sa}} - \mathrm{s} \land$ [illegible] $+ \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \land$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} +$ [illegible] $= \mathbf{l_s} \land \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \land \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \land$

[illegible] $< \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}} \land$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \land \mathrm{Q2;} \land$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \land \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \land \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \land$

$\mathbf{s}\colon \left\{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\right\} \land$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\ldots+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}\ldots}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\ldots\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}\ldots}^{n_{is}-j_{ik}-\ldots}$$

$$\sum_{(n_{sa}=\ldots\mathbb{k}_3+Q8;-j\ldots Q9;)}^{(n_{ik}+j\ldots-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q\ldots Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\left. \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+\text{[illegible]}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8\text{[illegible]}+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0\text{[illegible]}$$

$$\frac{(n_i \text{[illegible]} - 1)\text{[illegible]}}{(j_s - 2\text{[illegible]} (n_i - n_{is} \text{[illegible]} + 1)!}\cdot$$

$$\frac{(n_{\text{[illegible]}} - n_{ik} - \mathbb{k}\text{[illegible]} - 1)!}{(j_{ik} - j_s - \text{[illegible]} + j_s - n\text{[illegible]} - j_{ik} - \mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik} - \text{[illegible]} - \mathbb{k}_2 - 1\text{[illegible]}}{(j^{sa} - j_{ik} - \text{[illegible]} \cdot (n_{ik} + \text{[illegible]} - n_{sa} - j^{sa} - \mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa} \text{[illegible]} n_s - \mathbb{k}_3 \text{[illegible]} 1)!}{(j\text{[illegible]} j^{sa} - 1)! \cdot (\text{[illegible]} + j^{sa} - n_s - j_i - \mathbb{k}_3)!}\cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}\cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!}\cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q04;\left(\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot\right.$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\;)}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l}-1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_s} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = \mathbb{k} + Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q[illegible]\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_s}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; -j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{ Q044;}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge$ Q2;$\wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1$

$\mathbf{s}: \{$Q3;$, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i},$ Q4;$\}$

$s \geq 7 \wedge \mathbf{s} = s +$ Q5;$\wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = \text{Q00;} \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right.$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \text{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-[illegible])!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)[illegible](\mathbf{n}-j_i)!}\cdot$$

$$\frac{[illegible]\mathbf{l}-1)[illegible]}{(\mathbf{l_s}[illegible]-\mathbf{l}+1)[illegible]-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j[illegible]+1)!}{(j_s+\mathbf{l_{ik}}[illegible])!\cdot(j_{ik}[illegible]-j_{sa}^{ik}+1)!}$$

$$\frac{(D[illegible]}{(D+j[illegible]\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j[illegible]=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )}\ \sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n[illegible];}^{Q6[illegible]}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\text{Q06;}\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-\mathrm{j_{sa}^{ik}}+1)!}{(\mathrm{j_s}+\mathbf{l_{ik}}-\mathrm{j_{ik}}-\mathbf{l_s})!\cdot(\mathrm{j_{ik}}-\mathrm{j_s}-\mathrm{j_{sa}^{ik}}+1)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\Bigg)\text{Q0[illegible]}$$

$$\text{Q00;}\left(\sum_{k=\mathbf{l}}^{\text{[illegible]}}\sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}\right.$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}\text{[illegible]}}^{\text{[illegible]}}\ \sum_{(\mathrm{j^{sa}}=\mathbf{l_{ik}}+\text{[illegible]}\mathrm{j_{sa}}-\mathrm{D}-\mathrm{j_{sa}^{ik}})}^{(\text{[illegible]}\mathrm{s}-1)}\ \sum_{\mathrm{j_i}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_s}+\mathrm{s}-\mathbf{l}}$$

$$\sum_{\text{[illegible]}}^{\text{Q6;}}\ \sum_{(\mathrm{n_{is}}=\mathbf{n}+\text{[illegible]}\text{Q8;}-\mathrm{j_s}+\text{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+1)}\ \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\text{Q8;}-\mathrm{j_{ik}}+\text{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+\text{Q8;}-\mathrm{j^{sa}}+\text{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)}\ \sum_{\mathrm{n_s}=\mathbf{n}+\text{Q8;}-\mathrm{j_i}+\text{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}\text{Q05;}$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-\mathbb{k}_1-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}}-\mathbb{k}_1)!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-\mathbb{k}_2-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}}-\mathbb{k}_2)!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-\mathbb{k}_3-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i}-\mathbb{k}_3)!}\cdot$$

$$\text{Q06;}\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+\mathbf{n}+j_{sa}-D-j_s)}^{(j_i+j_{sa}-s-1)}\sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\ \sum_{j_i=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}\cdots}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}\cdots-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}\cdots)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_s+\cdots s-Q3\cdots)!}{(n_s\cdots j_i-\mathbf{n}-Q3\cdots j_{sa}^{s})!\cdots j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\cdots+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\cdots D-\mathbf{l_i})!}{(D+j_i-\cdots-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \cdots - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} + 1 \leq \mathbf{l} \leq \cdots \mathbf{l_{sa}} + s - \cdots - \mathbf{l_i} - j_{sa} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + \cdots \wedge j_s + j_{sa}^{ik} - 1 \leq \cdots j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - \cdots \wedge j^{sa} + \cdots j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} \cdots j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \cdots + j_{sa}^{ik} - \cdots = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$\cdots + s - \cdots \leq \mathbf{l_i} \leq D + \mathbf{l} \cdots + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge$ [illegible]

$j_{sa} < j_{sa}^{i} - \cdots \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$s\colon \{Q3;, j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z\colon z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right. $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1} $$

$$ \sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot $$

$$ \left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02; $$

$$ Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right. $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(j_i+j_{sa}-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1} $$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_{sa}+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

Q[illegible] $$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{sa}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa} + 2 \leq \mathbf{l} \leq \ _{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, \ldots Q4; \ldots\}$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!}.$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!}.$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!}.$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}.$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!}.$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - \mathbf{l_s} - j_{ik})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}.$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!}.$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\;)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\;)} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_s} + s - \mathbf{l}}$$

$$\sum_{n_i = Q7; + Q22;}^{Q20;} \sum_{(n_{is} = \mathbf{n} + \Bbbk + Q8; - j_s + Q9;)}^{(n_i - j_s - Q23; + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\;)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!}.$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!}.$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{i}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,\text{[illegible]}A1;}S^{B1;}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D\text{[illegible]}} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\text{[illegible]}j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=\text{[illegible]}}^{Q\text{[illegible]}} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{\text{[illegible]}n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$\text{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}\text{[illegible]})!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}\text{[illegible]}_k-j_{sa})!}\cdot$$

$$\frac{(D\text{[illegible]})!}{(D+j_i\text{[illegible]}-\mathbf{l_i})!\cdot(\text{[illegible]})!}\text{Q02;}$$

$$\text{Q0[illegible]}\sum\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+\text{[illegible]}}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D\text{[illegible]}}^{j^{sa}\text{[illegible]}-j_{sa}}\ \sum_{\text{[illegible]}a=j_i+j_{sa}-s)}^{\text{[illegible]})}\ \sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}\ \sum_{(n_{is}\text{[illegible]}\mathbb{k}+Q8;-j_s+Q9;)}^{(\text{[illegible]}j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\text{Q05;}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\text{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{[illegible]}$$

$$Q00; \sum_{k=\text{[illegible]}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{\text{[illegible]}} \sum_{\text{[illegible]}\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\text{[illegible]}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;\text{[illegible]}+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}\text{[illegible]}\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-\text{[illegible]}\mathbb{k}_1}$$

$$\sum_{(n_{sa}\text{[illegible]}\mathbb{k}_3+Q8;-j\text{[illegible]}Q9;)}^{(n_{ik}+j_{ik}-j\text{[illegible]}\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{\text{[illegible]}a+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(\text{[illegible]} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{\mathbf{l_i}=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s-Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{sa}^{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{sa}^{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_i=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s-j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q\ldots-j_{sa}^{s})!\cdot(\ldots+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}+j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ldots \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1 \leq \mathbf{l} \leq \mathbf{l_i}-1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_s}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+\mathbf{l_s}-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

$j_{sa}^{i} < j_{sa}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}
$$

$$
\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot
$$

$$
\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot
$$

$$
Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot
$$

$$
\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;
$$

$$
Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \;\; \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \;\; \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \;\; \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \;\; \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \;\; \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j^{sa})! \cdot (\mathbf{n} + j_{sa} - j_i - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$\Big((D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge$ [illegible] $+ j_{sa}^{ik} - j_{sa} >$ [illegible] $\wedge$ [illegible] $+ j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

[illegible] $- s + 1$ [illegible] $\mathbf{l_s} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa})\Big) \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right. $$

$$ \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{\text{[illegible]}\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\text{[illegible]}+\mathbb{k}_3+Q8;-j_{ik}+\text{[illegible]}}^{\text{[illegible]}j_{ik}-\text{[illegible]}} $$

$$ \sum_{(n_{sa}=\text{[illegible]}+Q8;-j^{\text{[illegible]}}\text{[illegible]}9;)}^{(n_{ik}+j\text{[illegible]})} \sum_{n_s=\mathbf{n}+Q8;\text{[illegible]}j_i+Q9;}^{n_{sa}\text{[illegible]}^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i \text{[illegible]} n_{is} - 1)!}{(j_s \text{[illegible]} 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - \text{[illegible]} - \mathbb{k}_1 - 1)!}{\text{[illegible]} - j_s \text{[illegible]})! \cdot (\text{[illegible]}_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - \text{[illegible]} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

$$ \frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} + $$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;\text{[illegible]}+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q0\text{[illegible]}$$

$$\frac{(n_i\text{[illegible]}-1)!}{(j_s-2\text{[illegible]}(n_i-n_{is}\text{[illegible]}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\text{[illegible]}-1)!}{(j_{ik}-j_s-\text{[illegible]}+j_s-n\text{[illegible]}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-\text{[illegible]}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-\text{[illegible]}\cdot(n_{ik}+\text{[illegible]}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}\text{[illegible]}n_s-\Bbbk_3\text{[illegible]}1)!}{(j\text{[illegible]}j^{sa}-1)!\cdot(\text{[illegible]}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q05: \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n\text{[illegible]}-j_s+1\text{[illegible]}}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s\text{[illegible]}-j_i\text{[illegible]}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\text{[illegible]}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}\text{[illegible]}_{sa}-j^{sa}-\mathbb{k}_2\text{[illegible]}}\cdot$$

$$\frac{(n\text{[illegible]}-n_s\text{[illegible]}}{(j_i-j\text{[illegible]}-1)!\cdot(\text{[illegible]}+j^{sa}-\text{[illegible]}-\mathbb{k}_3)!}\cdot$$

$$Q0\text{[illegible]}\frac{(n_s-1)!}{\text{[illegible]}+j_i-\text{[illegible]}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\text{[illegible]}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s\text{[illegible]}\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)}\ \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q0\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_{sa}^{ik}+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q03;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$\Big((D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1 \leq \mathbf{l} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j^{sa}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1 \leq \mathbf{l} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_i}-s+1 > \mathbf{l_s} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa})\Big) \wedge$

$D \geq \mathbf{n} < n+Q2; \wedge$

$j_{sa} < j_{sa}^{s}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right. $$

$$ \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1} $$

$$ \sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot $$

$$ \frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot $$

$$ \left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02; $$

$$ Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right. $$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0\ldots$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{sa})!\cdot(\mathbf{n}+j_{sa}-j_i-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$\Big((D \ge \mathbf{n} < n \wedge \mathbf{l} \ne {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \le D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{sa}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa} + 2 \le \mathbf{l} \le {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \le j_s \le j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \le j_{ik} \le j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \le j_i \le \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_s + 1 > \mathbf{l_s} \wedge j_{ik} + j_{sa}^{ik} - j_{sa} > \mathbf{l_i} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \le D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa}) \vee$

$(D \ge \mathbf{n} < n \wedge \mathbf{l} \ne {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \le D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{sa}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa} + 2 \le \mathbf{l} \le {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \le j_s \le j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \le j_{ik} \le j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \le j_i \le \mathbf{n} \wedge$

$\mathbf{l} - s + 1 \le \mathbf{l_s} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \le D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa})\Big) \wedge$

$D \ge \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\;,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}
$$

$$
\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$
Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}-s[illegible])}^{(\ )}\sum_{[illegible]=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s[illegible]}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s[illegible]9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}+j_s[illegible]-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}[illegible]-j^{sa}-\Bbbk_2)}^{(\ )}\sum_{[illegible]a-j_i-\Bbbk_3}$$

$$\frac{(n_s[illegible]j_i-j_s[illegible]-Q31;)!}{([illegible]+j_i-\mathbf{n}-Q[illegible]-j_{sa}^{s})!\cdot([illegible]+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l}[illegible]j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq [illegible] \wedge \mathbf{l_s} \leq D-\mathbf{n}[illegible] \wedge$

$2 [illegible] \mathbf{l} \leq D + [illegible] + s - [illegible] \mathbf{l_i} - j_{sa}^{ik} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} [illegible] 1 \wedge j_s + [illegible] \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i [illegible] j_{sa} - s \wedge j^{sa} [illegible] s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 [illegible] \mathbf{l_s} \wedge \mathbf{l_s} [illegible] j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D [illegible] < \mathbf{l_i} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n [illegible] Q2; \wedge$

$j_{sa} [illegible] j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{[illegible]} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s [illegible] - j_{i[illegible]} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - [illegible] - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} [illegible]_{sa} - j^{sa} - \mathbb{k}_{[illegible]})!} \cdot$$

$$\frac{(n_{[illegible]} - n_s [illegible] - [illegible])!}{(j_i - j[illegible] - 1)! \cdot ([illegible] + j^{sa} [illegible] - \mathbb{k}_3)!} \cdot$$

$$Q0[illegible] \frac{(n_s - 1)!}{([illegible] + j_i - [illegible] - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{([illegible] - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + [illegible] - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s \; \mathbf{l_{sa}}$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, \ldots, Q4;\}$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\;)}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)}^{(\mathbf{l_i} + j_{sa} - \mathbf{l} - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\ldots+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(j_{ik}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{\ldots=Q7;+Q22;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \land \mathbf{l_s} \leq D - \mathbf{n} + 1 \land$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} - \mathrm{j}_{sa}^{ik} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j}_{sa}^{ik} + 1 \wedge \mathrm{j_s} + \mathrm{j}_{sa}^{ik} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j}_{sa}^{ik} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j}_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{sa}^{ik} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j}_{sa}^{i} - 1 \wedge \mathrm{j}_{sa}^{ik} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{sa}^{s} < \mathrm{j}_{sa}^{ik} - 1 \wedge$

$\mathbf{s}\colon \{\mathrm{Q3;},, \mathrm{j}_{sa}^{s}, \cdots, \mathbb{k}_1, \mathrm{j}_{sa}^{ik}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{sa}^{i}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z\colon z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}\mathrm{S}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,\,[illegible]}^{B1;} = \mathrm{Q06}\Bigg(\sum_{[illegible]}^{[illegible]} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{[illegible]}
$$

$$
\sum_{[illegible]k=j_{sa}^{ik}+1}^{[illegible]+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+[illegible]-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q[illegible]}^{Q6;} \sum_{[illegible]\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{[illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \mathrm{Q05;}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$\text{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\text{[illegible]})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{\text{[illegible]}k=\mathbf{l}}^{\text{[illegible]}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}\text{[illegible]})}^{(\text{[illegible]}}$$

$$\sum_{j_{ik}=j_s\text{[illegible]}}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{ik}}\text{[illegible]}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\text{[illegible]}-\mathbf{l}+1)}\ \sum_{j_i\text{[illegible]}+s-j_{sa}}^{\text{[illegible]}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\text{[illegible]}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n\text{[illegible]}-j^{sa}\text{[illegible]}2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\ \text{Q05;}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\text{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}^{(\ )}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)}\ \sum_{j_{sa}=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{i}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge$ [illegible] $+j_{sa}$ [illegible] $\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;$

$j_s < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}+1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}:\{Q3;, j_{sa}^{s},\cdots,\mathbb{k}_1, j_{sa}^{ik},\cdots,\mathbb{k}_2, j_{sa},\mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

Q0[illegible]
$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j_s - \mathbf{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{(\;)}$$

$$\sum_{j_{ik} = j^{sa} + j^{ik}_{sa} - j_{sa}} \sum_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)}^{(\mathbf{l_s} + j_{sa} - \mathbf{l})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; + Q22;}^{Q20;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s - Q23; + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\;)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j^s_{sa})! \cdot (\mathbf{n} + j^s_{sa} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$[illegible]_{fz,C1;[illegible]j_s,j_{ik},j^{sa},j_i,D1;}^{[illegible]B1;} Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{[illegible]=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{[illegible]}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{([illegible]+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n[illegible];}^{Q6;[illegible]} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q0[illegible]$$

$$Q[illegible]00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}[illegible])}$$

$$\sum_{j_{ik}=j^{sa}+j_{s}[illegible]-j_{sa}}\ \sum_{(j^{sa}=[illegible]+j_{sa}-D-s)}^{(\mathbf{l}[illegible]+j_{sa}-\mathbf{l})}\ \sum_{j_i[illegible]+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q[illegible]}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;[illegible]+Q9;)}^{(n_i-[illegible]Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{([illegible]j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D [illegible] n \wedge \mathbf{l} \neq [illegible]_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D [illegible]_{\mathbf{s}} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 [illegible] j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}}^{\text{[illegible]}} \sum_{\text{[illegible]}=2)}^{\text{[illegible]}_{ik}-j_{sa}^{ik}+1)} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-\text{[illegible]}}^{\text{[illegible]}} \sum_{\text{[illegible]}+\mathbf{n}+j_{sa}-\text{[illegible]})}^{(\mathbf{l}_s \text{[illegible]} -\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}^{\text{[illegible]}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-\text{[illegible]}Q9;)}^{(n\text{[illegible]}j_s+1)} \sum_{n_{ik}=\text{[illegible]}\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}} $$

$$ \sum_{(n_{sa}=\text{[illegible]}\mathbb{k}_3+Q8;-\text{[illegible]}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}\text{[illegible]})} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02; $$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^s_{sa})!\cdot(\mathbf{n}+j^s_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1\leq\mathbf{l}\leq{}_{\mathbf{i}}\mathbf{l}-1\wedge$

$1\leq j_s\leq j_{ik}-j^{ik}_{sa}+1\wedge j_s+j^{ik}_{sa}-1\leq j_{ik}\leq j^{sa}+j^{ik}_{sa}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1>\mathbf{l_s}\wedge\mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-\mathbf{n}-1\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j^i_{sa}-1\wedge j^{ik}_{sa}<j_{sa}-1\wedge j^s_{sa}<j^{ik}_{sa}-1\wedge$

$\mathbf{s}:\{Q3;,j^s_{sa},\cdots,\Bbbk_1,j^{ik}_{sa},\cdots,\Bbbk_2,j_{sa},\Bbbk_3,j^i_{sa},Q4;\}\wedge$

$s\geq 7\wedge\mathbf{s}=s+Q5;\wedge$

$\Bbbk_z:z=3\wedge\Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3\Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j_{sa}^{i}-1\wedge j_{sa}^{ik}<j_{sa}-1\wedge j_{sa}^{s}<j_{sa}-1\wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,\cdots,Q4;\}\wedge$

$s\geq 7\wedge\mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z:z=3\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$

$${}_{f_z,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1}=Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} \cdots)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} \cdots)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} \cdots j_{sa})!} \cdot$$

$$\frac{(\cdots - \mathbf{l_i})!}{(\cdots i - \mathbf{n} - \cdots)! \cdot (\mathbf{n} - j_i)!}$$

$$\sum_{\cdots = \mathbf{l}}^{\cdots} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{\cdots)}$$

$$\sum_{j_{ik} \cdots}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum_{\cdots = \mathbf{l_s} + j_{sa} - \mathbf{l} + 1)}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \cdots}^{Q6;} \sum_{(n_{is} = \cdots \mathbb{k} + Q8; - j_s + Q9;)}^{(\cdots - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\ldots 2;$$

$$Q00;\left(\sum_{k=\mathbf{l}}^{\ldots}\sum_{(j_s=j_{\ldots}\ldots j_{sa}^{ik}+1)}^{(\ \ )}\right.$$

$$\sum_{j_{ik}=j\ldots}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\ldots)}^{(\mathbf{l_i}+\ldots j_{sa}-D-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\ldots 1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-\ldots Q9;)}^{(n\ldots j_s+1)}\ \sum_{n_{ik}=\ldots\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\ldots\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\ldots\mathbb{k}_3+Q8;-\ldots+Q9;)}^{(n_{ik}+j_{ik}-j^{s\ldots})}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(\ldots_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{\mathrm{k}=\mathbf{l}}\sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}+1}^{\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}}\sum_{(\mathrm{j^{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathbf{l})}\sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}}^{\mathrm{Q6;}}\sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+1)}\sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)}\sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}\mathrm{Q05;}$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-\mathbb{k}_1-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}}-\mathbb{k}_1)!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-\mathbb{k}_2-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}}-\mathbb{k}_2)!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-\mathbb{k}_3-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i}-\mathbb{k}_3)!}\cdot$$

$$\mathrm{Q06;}\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l_{ik}}-\mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathrm{j^{sa}}-\mathbf{l_{ik}})!\cdot(\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{ik}}-\mathrm{j_{sa}})!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathrm{j^{sa}}+\mathbf{l_i}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-\mathrm{s})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l}_s+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=\mathbf{l}_s+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l}_{sa}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l}_i-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l}_s-\mathbf{l}-1)!}{(\mathbf{l}_s-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l}_{sa}+j_{sa}^{ik}-\mathbf{l}_{ik}-j_{sa}\right)!}{(j_{ik}+\mathbf{l}_{sa}-j^{sa}-\mathbf{l}_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l}_i+j_{sa}-\mathbf{l}_{sa}-s)!}{(j^{sa}+\mathbf{l}_i-j_i-\mathbf{l}_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l}_i)!}{(D+j_i-\mathbf{n}-\mathbf{l}_i)!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-[illegible]}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}[illegible]-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s[illegible])!}{(n_s+j_i-\mathbf{n}-Q31;-j[illegible])!\cdot(\mathbf{n}+j_{sa}[illegible]-s)!}\cdot$$

$$\frac{([illegible]-\mathbf{l}-1)!}{([illegible]-j_s-\mathbf{l}+[illegible])!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{([illegible]+j_i-\mathbf{n}[illegible]\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 2 \leq [illegible] D + \mathbf{l_{sa}} [illegible] - \mathbf{n} - \mathbf{l_i} [illegible]_{sa} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s [illegible]_{sa}^{ik} - 1 \leq j_{ik} [illegible]^{sa} + j_{sa} [illegible]_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} [illegible] j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}[illegible] + 1 = \mathbf{l_s} [illegible] + j_{sa}^{ik} - j_{sa} > [illegible] \wedge \mathbf{l}[illegible] j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D [illegible] s - \mathbf{n} < [illegible] \leq D + \mathbf{l_s} [illegible] + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{[illegible]} [illegible] 1 \wedge j_{sa}^{ik} < j_{sa} [illegible] 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots [illegible] j_{sa}^{ik} [illegible], \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s [illegible] \wedge s [illegible] s + Q5; \wedge$

$\mathbb{k}_z: z = 3 [illegible] = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q01;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q044;}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}\colon \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}, \ldots$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z\colon z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$\mathrm{fz,C}\ldots^{\mathrm{B1;}} \Rightarrow \mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \mathrm{j_i}, \mathrm{D1;} = \mathrm{Q00;}\left(\sum_{k=\mathbf{l}} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}\right.$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathbf{l})} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}}^{\ldots 6;} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3} \mathrm{Q05;}$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-\mathbb{k}_1-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}}-\mathbb{k}_1)!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-\mathbb{k}_2-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s\ldots)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s\ldots j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\ldots\mathbf{l_i})!}{(D+\ldots-\mathbf{n}-\mathbf{l_i})!\ldots j_i)!}+$$

$$\sum_{\ldots}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+\ldots)}$$

$$\sum_{\ldots=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(\ldots=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}+\ldots\mathbf{l}-j_{sa}^{ik}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}\sum_{(n_{is}=\ldots\mathbb{k}+Q8;-j_s+Q9;)}^{(\ldots j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)}\sum_{\mathbf{l_s}=\mathbf{n}+j_s-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+j^{sa}-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-[illegible]}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-[illegible])!}{(n_s+j_i-\mathbf{n}-Q31;-j_s [illegible])!\cdot(\mathbf{n}+j_{sa} [illegible] -s)!}\cdot$$

$$\frac{([illegible]-\mathbf{l}-1)!}{([illegible]-j_s-\mathbf{l}+[illegible])!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{([illegible]+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{i}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1 \leq \mathbf{l} \leq D+[illegible]+s-[illegible]-\mathbf{l_i}-j_{sa}+[illegible] \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_{[illegible]}-j_{sa}^{ik}-1 \leq j_{ik} [illegible] j^{sa}+j_{sa}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} [illegible] j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge [illegible]+j_{sa}^{ik}-j_{sa} = [illegible] \wedge \mathbf{l}[illegible] j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D [illegible] s-\mathbf{n} < [illegible] \leq D+[illegible]+s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{[illegible]}-1 \wedge j_{sa}^{ik} < j_{sa}^{[illegible]}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots [illegible], j_{sa}^{ik} [illegible], \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s [illegible] \wedge [illegible] s+Q5; \wedge$

$\mathbb{k}_z: z=3 [illegible] = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q02;\Bigg($$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q\,\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \text{[illegible]})!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s \text{[illegible]} j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{\text{[illegible]} - 1)!}{(n_s + j_i - \mathbf{n} - \text{[illegible]} - j_i)!} \cdot$$

$$\frac{(\text{[illegible]} - \mathbf{l} - 1)!}{\text{[illegible]} - j_s - \mathbf{l} \text{[illegible]})! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} \text{[illegible]} \mathbf{l_s} - j_{sa}^{ik} + \text{[illegible]})}{(j_s + \mathbf{l_{ik}} \text{[illegible]} j_{ik} - \mathbf{l_s} \text{[illegible]} (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_i} \text{[illegible]} j_{sa} - \mathbf{l_{sa}} \text{[illegible]} - s)!}{\text{[illegible]}^{sa} + \mathbf{l_i} - j_i - \text{[illegible]})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\text{[illegible]} \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \Bigg) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)}^{(\mathbf{l_s} + j_{sa} - \mathbf{l})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; + Q22;}^{Q20;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s - Q23; + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^s)! \cdot (\mathbf{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \wedge j_s+j^{ik}_{sa}-1 \leq j_{ik} \leq j^{sa}+j^{ik}_{sa}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

$j_{sa} < j^{i}_{sa}-1 \wedge j^{ik}_{sa} < j_{sa}-1 \wedge j^{s}_{sa} < j^{ik}_{sa}-1 \wedge$

$\mathbf{s}:\{Q3;,j^{s}_{sa},\cdots,\mathbb{k}_1,j^{ik}_{sa},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j^{i}_{sa},Q4;$ [illegible] $\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$$_{fz}^{A1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j^{ik}_{sa}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{[illegible]}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - [illegible])!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - [illegible])!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - [illegible] - j_{sa})!} \cdot$$

$$\frac{(D - [illegible])!}{([illegible] - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q0[illegible];$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{([illegible] - \mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}[illegible]}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{[illegible]=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}[illegible]_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=[illegible]}^{Q6;} \sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{[illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\text{[illegible]})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\text{[illegible]}-j_i)!}\,Q0\text{[illegible]}$$

$$Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s\text{[illegible]}}^{\text{[illegible]}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}\text{[illegible]}}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{ik}}\text{[illegible]}-\mathbf{l}-j_{sa}^{ik}+2)}^{\text{[illegible]}-\mathbf{l}-s+1)}\ \sum_{\text{[illegible]}-s-j_{sa}}$$

$$Q6;\sum_{n_i=Q7;}\ \sum_{(n_{is}=\text{[illegible]}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{\text{[illegible]}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(\text{[illegible]}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(\text{[illegible]}-j^{sa}\text{[illegible]})}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1\ldots}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-\ldots}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{\ldots-j^{sa}\ldots-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\ldots Q8;\ \ldots)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=\ldots+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{i}\ldots_k-j^{sa}-\mathbb{k}_2\ldots}^{(\ )}\ \sum_{\ldots=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j\ldots-s-Q31;)!}{(\ldots+j_i-\ldots-Q31;-\ldots_a)!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \land \mathbf{l}$ [illegible] $\mathbf{l} \land \mathbf{l_s} \leq$ [illegible] $-\mathbf{n}$ [illegible] $\land$

$D+$ [illegible] $+s-\mathbf{n}-\mathbf{l_i}+$ [illegible] $\leq \mathbf{l} \leq$ [illegible] $-1 \land$

$1 \leq j_s \leq j_{ik}$ [illegible] $j_{sa}^{ik}+1 \land$ [illegible] $+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \land$

j^{sa} [illegible] $+j_{sa}-s \land j$ [illegible] $+s-j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}}-j_{sa}^{ik}+$ [illegible] $\mathbf{l_s} \land \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \land$

[illegible] $< \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \land$

$D \geq \mathbf{n} < n \land Q2; \land$

$j_{sa} < j_{sa}^{i}-1 \land j_{sa}^{ik} < j_{sa}-1 \land j_{sa}^{s} < j_{sa}^{ik}-1 \land$

$\mathbf{s}:\left\{Q3;,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\right\} \land$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} $$

$$ \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!} \cdot $$

$$ \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!} \cdot $$

$$ \frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot $$

$$ \frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot $$

$$ \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04; $$

$$\text{Q000;} \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\dots)}^{(\;)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_s + \dots - s - Q3\dots)!}{(n_s \dots j_i - \mathbf{n} - Q3\dots j_{sa}^{s})! \cdot (\dots - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s \dots + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \dots - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{ Q044;}$$

$\Big((D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_s} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_i} - s + 1 > \mathbf{l_s} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa})\Big) \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \Bigg(\sum_{k=\mathbf{l}} \sum_{\text{[illegible]}=2)}^{\text{[illegible]}_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-\text{[illegible]}}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\text{[illegible]}+j_{sa}-D-\text{[illegible]}}^{(\mathbf{l_s}+\text{[illegible]}\mathbf{l})} \sum_{\text{[illegible]}=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7\text{[illegible]}}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s\text{[illegible]}9;)}^{(n\text{[illegible]}+1)} \sum_{n_{ik}=\mathbf{n}\text{[illegible]}+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+\text{[illegible]}}$$

$$\sum_{(n_{sa}=\mathbf{n}\text{[illegible]}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\text{[illegible]})} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j^{ik}_{sa}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}-j^{ik}_{sa}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j^{ik}_{sa}+1)}\ \sum_{j_i=\mathbf{n}+j^{sa}-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;)}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j^{ik}_{sa}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j^{ik}_{sa}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\;\sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\;\sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\;\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\;\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\;\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\;\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q6$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{sa})!\cdot(\mathbf{n}+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} \text{ Q044;}$$

$\Big((D \ge \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \le D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1 \le \mathbf{l} \le D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1 \wedge$

$1 \le j_s \le j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \le j_{ik} \le j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \le j_i \le \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_s}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{sa}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \le D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}) \vee$

$(D \ge \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \le D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1 \le \mathbf{l} \le D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1 \wedge$

$1 \le j_s \le j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \le j_{ik} \le j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \le j_i \le \mathbf{n} \wedge$

$\mathbf{l_i}-s+1 > \mathbf{l_s} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \le D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa})\Big) \wedge$

$D \ge \mathbf{n} < n \wedge Q2;\wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}\colon \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} \right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{n}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\left. \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \right) Q02;$$

$$
Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}
$$

$$
\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{(n_{sa}+j^{sa}-j_i-\mathbb{k}_3)} Q05;
$$

$$
\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot
$$

$$
\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot
$$

$$
Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot
$$

$$
\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot
$$

$$
\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+
$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-\ldots}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}\ldots-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\ldots)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_s+\ldots-s-Q3\ldots)!}{(n_s-j_i-\mathbf{n}-Q3\ldots-j_{sa}^{s})!\cdot(\ldots+\mathbf{l_s}\ldots-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\ldots+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ldots-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \ldots - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - \ldots + 1 \wedge$

$1 \leq j_{\ldots} \leq j_{ik} - j_{sa}^{ik} + \ldots \wedge j_s + j_{sa}^{ik} - 1 \leq \ldots j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{\ldots} = j_i + j_{sa} - \ldots \wedge j^{sa} + \ldots j_{sa} \leq j_{\ldots} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} \ldots j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \ldots + j_{sa}^{ik} - \ldots > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\ldots + s - \ldots \leq \mathbf{l_i} \leq D + \mathbf{l}\ldots + s - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q\ldots$

$j_{sa} < j_{sa}^{i} - \ldots \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\ldots \{Q3; , j^{s}\ldots, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot $$

$$ Q06; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot $$

$$ \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q02; $$

$$ Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q0\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; -j^{s}_{sa})! \cdot (\mathbf{n} + j^{s}_{sa} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \, Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j^{ik}_{sa} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s \ldots \mathbf{l_{sa}}$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - \ldots \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j^{i}_{sa} - 1 \wedge j^{ik}_{sa} < j_{sa} - 1 \wedge j^{s}_{sa} < j^{ik}_{sa} - 1 \ldots$

$\mathbf{s}: \{Q3;, j^{s}_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, \ldots, Q4; \ldots$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{(\ )} \right.$$

$$\sum_{j_{ik} = j^{ik}_{sa} + 1}^{\mathbf{l_i} + \mathbf{n} + j^{ik}_{sa} - D - s - 1} \sum_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - [illegible])!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{([illegible]\ \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot ([illegible] - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j^{ik}_{sa} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{s}[illegible])! \cdot (j^{sa} + [illegible] - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - [illegible])!}{(D + j_i [illegible] \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}}^{[illegible]} \sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \mathbf{l}[illegible]\mathbf{n} + j^{ik}_{sa} - D - s}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j^{ik}_{sa})}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i [illegible] Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q0$$

$$Q0;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}\ldots)}\right.$$

$$\sum_{j_{ik}=j_s+1}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D}\ \sum_{(j^{sa}=j_{ik}+\mathbf{n}-D)}^{(\ldots-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\ldots+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=\mathbf{n}+Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + [illegible])}^{(\ )}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s - 1} \sum_{(j^{sa} = \mathbf{l_{sa}} + \mathbf{n} - D)}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = [illegible] + s - [illegible]_{sa} + 2}^{[illegible] + 1}$$

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{[illegible] + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{([illegible] + j_{ik} - j^{sa} - [illegible])} \sum_{[illegible] \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + [illegible] - \mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - [illegible])! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{([illegible] - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}\ldots}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}\ldots^{a}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s\ldots)!}{(n_s+j_i-\mathbf{n}-Q31;-j\ldots)!\cdot(\mathbf{n}+j_{sa}\ldots-s)!}\cdot$$

$$\frac{(\ldots-\mathbf{l}-1)!}{(\ldots-\mathbf{l}+\ldots)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(\ldots+j_i-\mathbf{n}\ldots\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge \ldots$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2 \leq \ldots D+\mathbf{l_{sa}}\ldots-\mathbf{n}-\mathbf{l_i}\ldots_{sa}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s\ldots j_{sa}^{ik}-1 \leq j_{ik}\ldots^{sa}+j_{sa}\ldots_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa}\ldots j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-\ldots^{ik}+1=\mathbf{l_s}\ldots+j_{sa}^{ik}-j_{sa}>\ldots \wedge \mathbf{l}\ldots j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D\ldots s-\mathbf{n}<\ldots \leq D+\mathbf{l_s}\ldots+s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$\ldots_{sa} < j_{sa}^{i}\ldots 1 \wedge j_{sa}^{ik} < j_{sa}\ldots 1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}\colon\{Q3;, j_{sa}^{s}, \cdots, j_{sa}^{ik}\ldots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge s\ldots s+Q5; \wedge$

$\mathbb{k}_z\colon z=3 \ldots \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q06;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_s}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;$ [illegible]

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

[illegible] $B1;$ $fz,C1$ [illegible] $j_s, j_{ik}, j^{sa}, j_i, D1;$ $= Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_i}+\mathbf{n}+\cdots-D-s-1}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{\cdots;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-[illegible])!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-[illegible]_{k}-j_{sa})!}\cdot$$

$$\frac{(D[illegible])!}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot([illegible])!}Q02;$$

$$Q00;\sum[illegible]\sum_{[illegible](j_s[illegible]-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j[illegible]\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}[illegible]}\sum_{(j[illegible]=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+[illegible]\mathbf{l}-s+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}\sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{([illegible]j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{[illegible]n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{ Q04;}$$

$$\text{Q000;} \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1 \text{[illegible]}}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa} \text{[illegible]}}^{(\ )} \sum_{j^{sa} \text{[illegible]} -j_{sa}}$$

$$\sum_{n_i=Q7 \text{[illegible]} Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+ \text{[illegible]} Q8; \text{[illegible]})}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}= \text{[illegible]} +j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik} \text{[illegible]} -j^{sa}-\Bbbk_2 \text{[illegible]}}^{(\ )} \sum_{\text{[illegible]}=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s + j_i - j_s \text{[illegible]} s - Q31;)!}{\text{[illegible]} + j_i - \text{[illegible]} Q31; \text{[illegible]}_{sa})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{ Q044;}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq$ [illegible] $\mathbf{l} \wedge \mathbf{l_s} \leq$ [illegible] $- \mathbf{n}$ [illegible] $\wedge$

$2 \leq$ [illegible] $D + \mathbf{l_s} + s -$ [illegible] $- \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}$ [illegible] $j_{sa}^{ik} + 1 \wedge$ [illegible] $+ j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

j^{sa} [illegible] $j_{sa} - s \wedge j$ [illegible] $+ s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} +$ [illegible] $\mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

[illegible] $< \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge$ Q2;$\wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i \cdots {}^{a}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\cdots \mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}\cdots}^{\cdots -j_{ik}-\cdots}$$

$$\sum_{(n_{sa}=\cdots \mathbb{k}_3+Q8;-j\cdots Q9;)}^{(n_{ik}+j\cdots \mathbb{k}\cdots)} \sum_{n_s=\mathbf{n}+Q\cdots +Q9;}^{n_s\cdots {}^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_{\cdots} \cdots n_{is}-1)!}{(j_s \cdots 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - \cdots - \mathbb{k}_1 - 1)!}{(\cdots_k - j_s \cdots 1)! \cdot (\cdots_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - \cdots - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_i}+j_{sa}^{ik}-\mathbf{l}-s+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q0$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\;)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l}-1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-s \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_i}+j_{sa}^{ik}-\mathbf{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q[illegible]\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-[illegible])!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j_{sa}^{i}-1\wedge j_{sa}^{ik}<j_{sa}-1\wedge j_{sa}^{s}<j_{sa}-1\wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,\cdots,Q4;\}\wedge$

$s\geq7\wedge\mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z:z=3\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1}=Q00;\left(\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\ [illegible])!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\ [illegible]\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}\ [illegible]\ j_{sa})!}\cdot$$

$$\frac{([illegible]-\mathbf{l_i})!}{([illegible]\ j_i-\mathbf{n}-[illegible])!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{[illegible]=\mathbf{l}}^{[illegible]}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{[illegible]}$$

$$\sum_{[illegible]\mathbf{l_i}+\mathbf{n}+j_{sa}[illegible]}^{[illegible]\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{[illegible]^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{[illegible]\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=[illegible]}^{Q6;}\ \sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{[illegible]-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q2;$$

$$Q00;\left(\sum_{k=\mathbf{l}}^{[illegible]}\sum_{(j_s=j_{[illegible]}+j_{sa}^{ik}+1)}^{(\;)}\right.$$

$$\sum_{j_{ik}=j_{sa}^{ik}[illegible]}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\;\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-[illegible])}^{(j_i[illegible]-s-1)}\;\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+[illegible]+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\;\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-[illegible]Q9;)}^{(n[illegible]j_s+1)}\;\sum_{n_{ik}=[illegible]\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{[illegible]\mathbb{k}_1}$$

$$\sum_{(n_{sa}=[illegible]\mathbb{k}_3+Q8;-[illegible]+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}[illegible])}\;\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{([illegible]_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=\mathbf{l_{sa}}\ldots-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}\ldots+\mathbb{k}_2+\mathbb{k}_3+Q8;\ldots Q9;}^{n_{is}+j_s-j_{ik}\ldots}$$

$$\sum_{(n_{sa}\ldots+\mathbb{k}_3+Q8;\ldots+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s\ldots+Q9;}^{\ldots+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(\ldots-n_{is}-1)!}{(\ldots-2)!\cdot(\ldots-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-\ldots-\mathbb{k}_1-1)!}{(j_{ik}-\ldots-1)!\cdot(\ldots+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-\ldots-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(\ldots-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}[illegible]}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}[illegible]^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-[illegible])!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}[illegible])!\cdot(\mathbf{n}+j_{sa}[illegible]-s)!}\cdot$$

$$\frac{(\mathbf{l}_s[illegible]\mathbf{l}-1)!}{([illegible]-\mathbf{l}+[illegible])!\cdot(j_s-2)!}\cdot$$

$$\frac{([illegible]D-\mathbf{l_i})!}{([illegible]+j_i-\mathbf{n}[illegible])!\cdot(\mathbf{n}-j_i)!} Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s[illegible]j_{sa}^{ik}-1 \leq j_{ik}[illegible]j^{sa}+j_{sa}[illegible]j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa}[illegible]j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-[illegible]^{ik}+1 > \mathbf{l_s} \wedge[illegible]+j_{sa}^{ik}-j_{sa}=[illegible]\wedge \mathbf{l}[illegible]j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D[illegible]s-\mathbf{n} < [illegible] D+\mathbf{l_{sa}}[illegible]s-\mathbf{n}-j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$[illegible]_{sa} < j_{sa}^{i}[illegible]1 \wedge j_{sa}^{ik} < j_{sa}[illegible]1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots[illegible]j^{ik}[illegible], \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq [illegible]7 \wedge s[illegible]s+Q5; \wedge$

$\mathbb{k}_z: z=3[illegible]\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right.$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q0$$

$$\frac{(n_i-j_s-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

Q[illegible] $$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q02;$$

$$Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s\text{[illegible]})!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\text{[illegible]})!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s\text{[illegible]}j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\text{[illegible]}s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_s}\text{[illegible]})!\cdot(j_i+j_{sa}\text{[illegible]}-s)!}\cdot$$

$$\frac{(\text{[illegible]}-\mathbf{l_i})!}{(\text{[illegible]}j_i-\mathbf{n}-\text{[illegible]})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=\mathbf{l}}^{\text{[illegible]}}\sum_{(j_s=2)}^{\text{[illegible]}-\mathbf{l}+1)}$$

$$\sum_{\text{[illegible]}=\mathbf{l_s}+j_{sa}\text{[illegible]}}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(\text{[illegible]}ik+j_{sa}-j_{sa}^{ik})}^{(\text{[illegible]})}\sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i\text{[illegible]}}^{Q6;}\sum_{(n_{is}=\text{[illegible]}k+Q8;-j_s+Q9;)}^{(\text{[illegible]}-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q0\ldots$$

$$Q\ldots 00;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}\ldots)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+\ldots}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\sum_{D-s\,(j^{sa}\ldots+j_{sa}-j_{sa}^{ik})}^{(\;)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q2\ldots}^{\ldots 0;}\sum_{n_{is}=\mathbf{n}+\Bbbk+Q8;}^{(n_i-j_s-Q23;+1)}\sum_{\ldots+Q9;)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$D \geq \mathbf{n} \ldots \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1 \leq \mathbf{l} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1 \wedge$

$1 \ldots j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}\text{:} \left\{ \mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;} \right\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z\text{: } z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\text{[illegible]}}^{\text{[illegible]}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} \sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}\text{[illegible]}}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-\text{[illegible]})}^{(\text{[illegible]})} \sum_{j_i=j^{sa}+s-j_{sa}}^{\text{[illegible]}} \right.
$$

$$
\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-\text{[illegible]}Q9;)}^{(n\text{[illegible]}j_s+1)} \sum_{n_{ik}=\text{[illegible]}\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\text{[illegible]}\mathbb{k}_3+Q8;-\text{[illegible]}+Q9;)}^{(n_{ik}+j_{ik}-j^{s\text{[illegible]}})} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(\text{[illegible]}_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$
Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\left. \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \right) Q02;
$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;\Bigg($$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q44;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+2\leq\mathbf{l}\leq{}_{\mathbf{i}}\mathbf{l}-1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-$ [illegible] $\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1>\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}}\wedge$ [illegible] $+j_{sa}$ [illegible] $\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;$ [illegible]

j [illegible] $<j_{sa}^{i}-1\wedge j_{sa}^{ik}<j_{sa}^{i}-1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{Q3;,,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,$ [illegible] $\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$

$s\geq7\wedge$ [illegible] $=s+Q5;\wedge$

$\mathbb{k}_z:z=3\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q[illegible]\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j_{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; -j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{ Q44;}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s$ [illegible] $\mathbf{l_{sa}}$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} -$ [illegible]

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2$ [illegible] $, \cdots, \mathbb{k}_3$ [illegible] $, Q4;$ [illegible]

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \text{[illegible]})!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\text{[illegible]}\mathbf{l} - 1)!}{(\mathbf{l_s} \text{[illegible]} - \mathbf{l} + 1)! \cdot (\text{[illegible]} - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - \text{[illegible]} + 1)!}{(j_s + \mathbf{l_{ik}} \text{[illegible]})! \cdot (j_{ik} \text{[illegible]} - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + \text{[illegible]} - \mathbf{l_{ik}} - j_{sa})\text{[illegible]}}{(j_{ik} + \mathbf{l_{sa}} - \text{[illegible]} - \mathbf{l_{ik}})! \cdot (\text{[illegible]}{}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \text{[illegible]})!}{(D + j_i \text{[illegible]}\, \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\text{[illegible]}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{\text{[illegible]}6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-1)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q0;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(D+j_{sa}-\mathbf{l}-s+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6;\sum_{n_i=\mathbf{n}+\Bbbk}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q0[illegible]$$

$$Q[illegible]00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}[illegible])}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+[illegible]}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}[illegible]}\ \sum_{D-s\,(j^{sa}[illegible]+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{[illegible]}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q2[illegible]}^{[illegible]20;}\ \sum_{n_{is}=\mathbf{n}+\Bbbk+Q8;}^{(n_i-j_s[illegible]Q23;+1)}\ \sum_{[illegible]+Q9;)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s[illegible]j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$\Big([illegible] \leq \mathbf{n}[illegible] n \land \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \land \mathbf{l_s} \leq D-\mathbf{n}+1 \land$

$2 \leq \mathbf{l} \leq D[illegible]\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \land$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \land j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \land$

$j^{sa}=j_i+j_{sa}-s \land j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \land \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \land$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}) \lor$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_i} - s + 1 > \mathbf{l_s} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa})\big) \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$[illegible]_{fz,C1;[illegible]j_s,j_{ik},j^{sa},j_i,D1;}^{[illegible]B1;}[illegible] Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right.$$

$$\sum_{j_{ik}=[illegible]+\mathbf{n}-D}^{\mathbf{l_i}+[illegible]_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n[illegible]7;}^{Q6;[illegible]} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+\text{[illegible]})!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-\text{[illegible]}_{k}-j_{sa})!}\cdot$$

$$\frac{(\text{[illegible]}\,\mathbf{l}\text{[illegible]})!}{(D+\text{[illegible]}-\mathbf{n}-\mathbf{l_i})!\cdot(\text{[illegible]}\,j_i)!}+$$

$$\sum_{\text{[illegible]}}^{\text{[illegible]}}\ \sum_{(\text{[illegible]}=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{\text{[illegible]}}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}\text{[illegible]}}\ \sum_{(j_{\text{[illegible]}}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\text{[illegible]}\,\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}\ \sum_{(n_{is}=\text{[illegible]}\Bbbk+Q8;-j_s+Q9;)}^{(\text{[illegible]}+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-j_s}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\Bigg)\mathrm{Q02;}$$

$$\mathrm{Q00;}\left(\sum_{\mathrm{k}=\mathbf{l}}\ \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}\right.$$

$$\sum_{\mathrm{j_{ik}}=\mathbf{l_{ik}}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}^{ik}}-\mathrm{D}-\mathrm{s}-1}\ \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}}-1)}\ \sum_{\mathrm{j_i}\text{[illegible]}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_{sa}}+\mathrm{s}-\mathbf{l}-\mathrm{j_{sa}}\text{[illegible]}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}}^{\mathrm{Q6;}}\ \sum_{(\mathrm{n_{is}}=\mathbf{n}+\Bbbk+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+1)}\ \sum_{\mathrm{n_{ik}}=\text{[illegible]}\Bbbk_2+\Bbbk_3+\mathrm{Q8;}-\mathrm{j_{ik}}\text{[illegible]}\mathrm{9;}}^{\text{[illegible]}+\mathrm{j_s}-\mathrm{j_{ik}}-\text{[illegible]}}$$

$$\sum_{(\mathrm{n_{sa}}\text{[illegible]}\Bbbk_3+\mathrm{Q8;}-\text{[illegible]}\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j}\text{[illegible]}-\Bbbk_2)}\ \sum_{\mathrm{n_s}=\mathbf{n}+\text{[illegible]}\mathrm{Q9;}}^{\mathrm{n}\text{[illegible]}\mathrm{j^{sa}}-\mathrm{j_i}-\Bbbk_3}\ \mathrm{Q05;}$$

$$\frac{(\text{[illegible]}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}\text{[illegible]}2)!\cdot(\mathrm{n}\text{[illegible]}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\text{[illegible]}-\Bbbk_1-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}\text{[illegible]}1)!\cdot(\text{[illegible]}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}}-\Bbbk_1)!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-\Bbbk_2-1)!}{(\mathrm{j^{sa}}-\text{[illegible]}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}}-\Bbbk_2)!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-\Bbbk_3-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i}-\Bbbk_3)!}\cdot$$

$$\mathrm{Q06;}\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-\mathrm{j_{sa}^{ik}}+1)!}{(\mathrm{j_s}+\mathbf{l_{ik}}-\mathrm{j_{ik}}-\mathbf{l_s})!\cdot(\mathrm{j_{ik}}-\mathrm{j_s}-\mathrm{j_{sa}^{ik}}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l_{ik}}-\mathrm{j_{sa}})!}{(\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathrm{j^{sa}}-\mathbf{l_{ik}})!\cdot(\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{ik}}-\mathrm{j_{sa}})!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathrm{j^{sa}}+\mathbf{l_i}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-\mathrm{s})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=\mathbf{l_{sa}}\text{[illegible]}-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{i}\text{[illegible]}+\mathbb{k}_2+\mathbb{k}_3+Q8;\text{[illegible]}Q9;}^{n_{is}+j_s-j_{ik}\text{[illegible]}}$$

$$\sum_{(n_{sa}\text{[illegible]}\mathbf{n}+\mathbb{k}_3+Q8;\text{[illegible]}^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{\text{[illegible]}Q8\text{[illegible]}+Q9;}^{\text{[illegible]}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{\text{[illegible]}-n_{is}-1)!}{\text{[illegible]}-2)!\cdot(\text{[illegible]}-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-\text{[illegible]}-\mathbb{k}_1-1)!}{(j_{ik}-\text{[illegible]}-1)!\cdot(n\text{[illegible]}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}\text{[illegible]}n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-\text{[illegible]}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{\text{[illegible]}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$
\mathrm{Q000;}\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\mathrm{Q7;}+\mathrm{Q22;}}^{\mathrm{Q20;}}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+\mathrm{Q8;}-j_s+\mathrm{Q9;})}^{(n_i-j_s-\mathrm{Q23;}+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_s+j_i-s-\mathrm{Q31;})!}{(n_s+j_i-\mathbf{n}-\mathrm{Q31;}-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ \mathrm{Q044;}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_s} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge \mathrm{Q2;} \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\{\mathrm{Q3;}, j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, \mathrm{Q4;}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \mathrm{Q5;} \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q0\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^s)! \cdot (\mathbf{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s$ [illegible] $\mathbf{l_{sa}}$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} -$ [illegible] $\wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} -$ [illegible]

$\mathbf{s}: \{Q3;, j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk$ [illegible] $_{sa}, \cdots, \Bbbk_3,$ [illegible] $Q4;$ [illegible]

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk =$ [illegible] $+ \Bbbk_2 + \Bbbk_3 \Rightarrow$ [illegible]

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\;,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\text{[illegible]})!\cdot(j^{sa}+\text{[illegible]}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q\text{[illegible]}0;\sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{\text{[illegible]}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{\text{[illegible]}=Q7;+Q22;}^{\text{[illegible]}}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{[illegible]}}^{B1;}{}_{[illegible]D1;} = Q[illegible]; \left(\sum_{[illegible]k=\mathbf{l}}^{[illegible]-D-s)} \sum_{(j_s=2)} \right.$$

$$\sum_{[illegible]=j_s+j_{sa}^{ik}-1[illegible]}^{[illegible]} \sum_{[illegible]=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{[illegible]-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q[illegible]}^{Q6;} \sum_{[illegible]+\mathbb{k}+Q8;-j_s+Q9;)}^{[illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_s+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}\right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)}\ \sum_{(j_{sa}=\mathbf{l_i}+\mathbf{n}-D)}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}^{ik}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q0\text{[illegible]}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \land \mathbf{l_s} \leq D-\mathbf{n}+1 \land$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2 \leq \mathbf{l} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1 \land$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \land j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \land$

$j^{sa}=j_i+j_{sa}-s \land j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \land \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \land$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa} \land$

$D \geq \mathbf{n} < n \land Q2; \land$

$j_{sa}^{s} < j_{sa}^{i}-1 \land j_{sa}^{ik} < j_{sa}-1 \land j_{sa}^{s} < j_{sa}^{ik}-1 \land$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\} \land$

$s \geq 7 \land \mathbf{s}=s+Q5; \land$

$\mathbb{k}_z: z=3 \land \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}\right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q04;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}\right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l} - 1)!}{(\mathbf{l_{ik}} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j_s - \mathbf{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} - j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}} - \mathbf{l} - j^{ik}_{sa} + 2)}$$

$$\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\ [illegible])!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\ [illegible])!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}\ [illegible]\ j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}\ [illegible]-s)!}{(j^{sa}+\mathbf{l_i}\ [illegible])!\cdot(j_i+\ [illegible]-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{([illegible]+j_i-\mathbf{n}\ [illegible]\ \mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q04;$$

$$Q[illegible]0;\sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{[illegible]=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{[illegible]=Q7;+Q22;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq\ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$D + \mathbf{l_{sa}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{\mathbb{k}_z, C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, [illegible] 1;}^{B1;} = Q[illegible] \sum_{[illegible]=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}} [illegible] - j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{[illegible]} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q[illegible]}^{Q6;} \sum_{[illegible]\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{[illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-[illegible])!}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot([illegible])!}\,Q04;$$

$$Q20;\sum_{[illegible]}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}\sum_{[illegible]}^{(D-s+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{([illegible])}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20;\sum_{n_i=Q7;+Q[illegible]}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q2[illegible]+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\,Q044;$$

$[illegible] \geq \mathbf{n} < [illegible] \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}^{ik}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = \mathrm{Q0}[illegible] \sum_{k=\mathbf{l}} \sum^{(\mathbf{l}[illegible]\mathbf{n}-D-s)}_{[illegible]} $$

$$ \sum_{j_{ik}=j[illegible]+j_{sa}^{ik}-1} \sum^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-[illegible])}_{(j[illegible]\mathbf{l}+\mathbf{n}+j_{sa}[illegible])} \sum_{j[illegible]+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum^{(n_i-j_s[illegible])}_{(n[illegible]\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9[illegible])} \sum^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}_{[illegible]_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;} $$

$$ \sum^{[illegible]_{ik}+j_{ik}-j^{sa}-[illegible]}_{[illegible]=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)} \sum^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}_{n_s=\mathbf{n}+Q8;-j_i+Q9;} \mathrm{Q05;} $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ \mathrm{Q06;} \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot $$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}\ [illegible]}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s\ [illegible])!}{(n_s+j_i-\mathbf{n}-Q31;-j_s^{[illegible]})!\cdot(\mathbf{n}+j_{sa}\ [illegible]-s)!}\cdot$$

$$\frac{([illegible]\ \mathbf{l}-1)!}{([illegible]\ j_s-\mathbf{l}+[illegible])!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{([illegible]+j_i-\mathbf{n}\ [illegible]\ \mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$ [illegible]

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2$ [illegible] $\mathbf{l}-1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s$ [illegible] $j_{sa}^{ik}-1 \leq j_{ik}$ [illegible] $j^{sa}+j_{sa}$ [illegible] $j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa}$ [illegible] $j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}$ [illegible] $+j_{sa}^{ik}-j_{sa}>$ [illegible] $\wedge \mathbf{l}$ [illegible] $j_{sa}-s=\mathbf{l_{sa}} \wedge$

D [illegible] $s-\mathbf{n}<$ [illegible] $D+\mathbf{l_{ik}}$ [illegible] $s-\mathbf{n}-j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

[illegible] $< j_{sa}^{i}$ [illegible] $1 \wedge j_{sa}^{ik} < j_{sa}$ [illegible] $1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots$ [illegible] j_{sa}^{ik} [illegible] $, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s}$ [illegible] $s+Q5; \wedge$

$\mathbb{k}_z: z=3$ [illegible] $\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q0$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3} \frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^s)!\cdot(\mathbf{n}+j_{sa}^s-j_s-s)!}\cdot \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-\text{[illegible]})!} \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\text{[illegible]})!} Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{i}\text{[illegible]} \leq j^{sa} + j^{ik}_{sa} \text{[illegible]} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \text{[illegible]} \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} = \mathbf{l}\text{[illegible]} \wedge \mathbf{l_i} + j_{sa} - s \text{[illegible]} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j^i_{sa} - 1 \wedge j^{ik}_{sa} < j_{sa} - 1 \text{[illegible]} < j^{ik}_{sa} - 1 \text{[illegible]}$

$\mathbf{s}: \{Q3;, j^s_{sa}, \cdots, \Bbbk\text{[illegible]}, \cdots, \Bbbk_2, j_{sa}, \text{[illegible]}\Bbbk_3, j^i_{sa}, \text{[illegible]}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = \text{[illegible]} + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \text{[illegible]} + \Bbbk_2 + \text{[illegible]} \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)} \sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j^{ik}_{sa}-D-s}^{\mathbf{l_i}+j^{ik}_{sa}-\mathbf{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1} \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\cdots+j_{sa}^{ik}-\mathbf{l}-s+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q04;$$

$$Q00; \sum \sum_{(j_s = \mathbf{l} \ldots - D - s + 1)}^{(\mathbf{l_s} - \mathbf{l} + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; + \ldots}^{Q20;} \sum_{(n_{is} = \mathbf{n} + \Bbbk + Q8; - j_s + Q9;)}^{(n_i - j_s - Q21; + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q044;$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \land \mathbf{l_s} \leq D - \mathbf{n} + 1 \land$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 1 \land$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \land j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \land$

$j^{sa} = j_i + j_{sa} - s \land j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \land \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \land \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \land$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00;\left(\sum_{k=\mathbf{l}}^{(\text{[illegible]}\mathbf{n}-D-s)} \sum_{\text{[illegible]}}^{\text{[illegible]}} \right. $$

$$ \sum_{j_{ik}=\text{[illegible]}}^{j_{sa}^{ik}-1} \sum_{(j\text{[illegible]}+\mathbf{n}+j_{sa}\text{[illegible]})}^{(\mathbf{l_{sa}}-\mathbf{l}+1\text{[illegible]})} \sum_{j_i=\text{[illegible]}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n\text{[illegible]}\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9\text{[illegible]}}^{(n_i-j_s\text{[illegible]}} \sum_{\text{[illegible]}_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(\text{[illegible]}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{\text{[illegible]}+j_{ik}-j^{sa}-\text{[illegible]}} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot $$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;\ [illegible]+Q9;}^{n_{is}+j_s-j_{ik}\ [illegible]}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{[illegible]+Q8;-j_i+Q9;}^{[illegible]+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{[illegible]-n_{is}-1)!}{[illegible]-2)!\cdot[illegible]-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-[illegible]-\mathbb{k}_1-1)!}{(j_{ik}-[illegible]-1)!\cdot(n_{[illegible]}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-[illegible]-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{([illegible]-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}\right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\ Q6;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_s}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(s+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; -j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 2 \leq \mathbf{l} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s \ldots \mathbf{l_{sa}}$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - \ldots \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \ldots$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, \ldots, Q4; \ldots$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow \ldots$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} \right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(j_i+j_{sa}-s-1)}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=\mathbf{n}+\mathbb{k}+Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\text{[illegible]})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(\text{[illegible]}-\mathbf{l_i})!}{(D+\text{[illegible]}-\mathbf{n}-\mathbf{l_i})!\cdot\text{[illegible]}\,j_i)!}+$$

$$\sum_{\text{[illegible]}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+\text{[illegible]})}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j\text{[illegible]}\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}\text{[illegible]}1)}\ \sum_{j_i=\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6\text{[illegible]}}\ \sum_{(n_{is}\text{[illegible]}\mathbb{k}+Q8;-j_s+Q9;)}^{(\text{[illegible]}-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)\text{[illegible]}4;$$

$$Q000;\sum_{\text{[illegible]}}\;\sum_{(j_s=\mathbf{l_i}+\text{[illegible]}-s+1)}^{(\text{[illegible]}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j^{ik}\text{[illegible]}}\;\sum_{(j^{sa}=j_{ik}+j_{sa}\text{[illegible]})}^{(\text{[illegible]})}\;\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q\text{[illegible]}}\;\sum_{(n_{is}=\text{[illegible]}+Q8;-j_s+\text{[illegible]})}^{(n_i-j_s\text{[illegible]}23;+1)}\;\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{\text{[illegible]}_{sa}=n_{ik}+j_{i}\text{[illegible]}^{sa}-\mathbb{k}_2)}^{(\text{[illegible]}}\;\sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i\text{[illegible]}\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$D\geq\mathbf{n}<\text{[illegible]}\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l}\text{[illegible]}\leq D-\mathbf{n}+1\wedge$

$D+\mathbf{l}\text{[illegible]}+s-\text{[illegible]}\mathbf{l}\text{[illegible]}_{sa}+2\leq\mathbf{l}\leq{}_{\mathbf{i}}\mathbf{l}-1\wedge$

$1\text{[illegible]}j_s\leq\text{[illegible]}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$\text{[illegible]}^{sa}=j_i+\text{[illegible]}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j_{sa}^{i}-1\wedge j_{sa}^{ik}<j_{sa}-1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}}^{(\mathbf{l_s}-\mathbf{l}+1)} \sum_{(j_s=2)}^{\text{[illegible]}}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}-\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+\mathbf{n}-D}^{\mathbf{l_i}-\mathbf{l}+1}
$$

$$
\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot
$$

$$
Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q04;
$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j\,[illegible]}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}\,[illegible]\,-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}\,[illegible])}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i\,[illegible]}$$

$$\frac{(n_s + [illegible] - s - Q[illegible])!}{(n_s [illegible] j_i - \mathbf{n} - Q3 [illegible] - j_{sa}^{s})! [illegible] + \mathbf{l_s} [illegible] - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s [illegible] + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{[illegible] D - \mathbf{l_i})!}{(D + j_i - [illegible] - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq [illegible] - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_{[illegible]} \leq j_{ik} - j_{sa}^{ik} + [illegible] \wedge j_s + j_{sa}^{ik} - 1 [illegible] + j_{sa}^{ik} - j_{sa} \wedge$

$j[illegible] = j_i + j_{sa} - [illegible] \wedge j^{sa} + [illegible] - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} [illegible] j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge [illegible] + j_{sa}^{ik} - [illegible] = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$[illegible] + s - [illegible] \leq \mathbf{l_i} \leq D + [illegible] + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge [illegible] \wedge$

$j_{sa} < j_{sa}^{i} [illegible] \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j^{s}_{[illegible]} \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)} \right.$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q6$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q\ldots\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik})}\right.$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - [illegible])!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{([illegible] - \mathbf{l} - 1)!}{(\mathbf{l_s} - [illegible] - \mathbf{l} + 1)! \cdot ([illegible] - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - [illegible] + 1)!}{(j_s + \mathbf{l_{ik}} - [illegible])! \cdot (j_{ik} - [illegible] - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_i} - [illegible] - \mathbf{l_{sa}} [illegible])!}{(j^{sa} + [illegible] - j_i - \mathbf{l_{sa}} [illegible])! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{([illegible] - \mathbf{l_i})!}{(D + [illegible] - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik})}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{[illegible]-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{[illegible]} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s [illegible])!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s [illegible] j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa} [illegible] s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}} [illegible])!\cdot(j_i+j_{sa} [illegible] -s)!}\cdot$$

$$\frac{([illegible]-\mathbf{l_i})!}{([illegible] -\mathbf{n}- [illegible])!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=[illegible]} \sum_{[illegible]=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_s+[illegible]}^{[illegible]+j_{sa}^{ik}-s-1} \sum_{[illegible]=j_{ik}+j_{sa}-j_{sa}^{ik})}^{([illegible])} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=[illegible]}^{Q6;} \sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{[illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}\text{[illegible]})!}\cdot$$

$$\frac{(D-\mathbf{l_i})\text{[illegible]}}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\text{[illegible]}\mathbf{n}-j_i)!}$$

$$\sum_{k=\text{[illegible]}}\ \sum_{\text{[illegible]}=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}\text{[illegible]}}^{(\mathbf{l_s}-\mathbf{l}+\text{[illegible]}}$$

$$\sum_{j_{ik}=j_s+j_s\text{[illegible]}1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}\text{[illegible]}-j_{sa}^{ik})}^{(\text{[illegible]})}\ \sum_{j_i=\mathbf{l_{ik}}+\text{[illegible]}-j_{sa}^{ik}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\text{[illegible]}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{\text{[illegible]}_k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n\text{[illegible]}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n\text{[illegible]}-j^{sa}\text{[illegible]}2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right)Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+[illegible])}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=j_{ik}+j_{sa}[illegible])}^{(\;)}\sum_{[illegible]=j^{s}[illegible]-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+[illegible]Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}[illegible]+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n[illegible]_{ik}-j^{sa}-\Bbbk[illegible])}^{(}\sum_{[illegible]=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-[illegible]-s-Q31;)!}{([illegible]+j_i-[illegible]-Q31;-[illegible])!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$D\geq\mathbf{n}<n\land\mathbf{l}[illegible]\mathbf{l}\land\mathbf{l_s}\leq[illegible]-\mathbf{n}+[illegible]\land$

$D+[illegible]+s-\mathbf{n}-\mathbf{l_i}+[illegible]\leq\mathbf{l}\leq[illegible]+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+1\land$

$[illegible]\leq j_s\leq j[illegible]-j_{sa}^{ik}+1\land[illegible]+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\land$

$j^{sa}=[illegible]+j_{sa}-s[illegible]+s-j_{sa}\leq j_i\leq\mathbf{n}\land$

$\mathbf{l_{ik}}-j_{sa}^{ik}+[illegible]>\mathbf{l_s}\land\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}}\land\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\land$

$[illegible]+s-[illegible]\leq\mathbf{l_i}\leq D+\mathbf{l_{sa}}+s-\mathbf{n}-j_{sa}\land$

$D\geq\mathbf{n}<n\land Q2;\land$

$j_{sa}<j_{sa}^{i}-1\land j_{sa}^{ik}<j_{sa}-1\land j_{sa}^{s}<j_{sa}^{ik}-1\land$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\cdots,\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i},Q4;\}\land$

$s \geq 7 \land \mathbf{s} = s + Q5; \land$

$\mathbb{k}_z : z = 3 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right. $$

$$ \sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

$$ \left.\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\right) Q02; $$

$$ Q00;\left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}\right. $$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j_i+j_{sa}^{ik}-s-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+\text{[illegible]}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8\text{[illegible]}+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q0\text{[illegible]}$$

$$\frac{(n_i \text{[illegible]} - 1)\text{[illegible]}}{(j_s-2\text{[illegible]}(n_i-n_{is}\text{[illegible]}+1)!}\cdot$$

$$\frac{(n_{\text{[illegible]}}-n_{ik}-\mathbb{k}\text{[illegible]}-1)!}{(j_{ik}-j_s-1\text{[illegible]}j_s-n\text{[illegible]}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n\text{[illegible]}-\mathbb{k}_2-1\text{[illegible]}}{(j^{sa}-j_{ik}-1\text{[illegible]}(n_{ik}+\text{[illegible]}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}\text{[illegible]}n_s-\mathbb{k}_3\text{[illegible]}-1)!}{(j_i\text{[illegible]}j^{sa}-1)!\cdot(n\text{[illegible]}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q0\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq \mathbf{n}<n\land \mathbf{l}\neq\ _{\mathbf{i}}\mathbf{l}\land \mathbf{l_s}\leq D-\mathbf{n}+1\land$

$2\leq \mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\land$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\land j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\land$

$j^{sa}=j_i+j_{sa}-s\land j^{sa}+s-j_{sa}\leq j_i\leq \mathbf{n}\land$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1>\mathbf{l_s}\land \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\land \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\land$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-\mathbf{n}-1\land$

$D\geq \mathbf{n}<n\land Q2;\land$

$j_{sa}<j_{sa}^{i}-1\land j_{sa}^{ik}<j_{sa}-1\land j_{sa}^{s}<j_{sa}^{ik}-1\land$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\cdots,\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i},Q4;\}\land$

$s\geq 7\land \mathbf{s}=s+Q5;\land$

$\Bbbk_z: z=3\land \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3\Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}\ Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\ldots)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-\ldots+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s\ldots+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-\ldots j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\ldots\mathbf{l_{ik}}\ldots)!\cdot(j^{sa}+j\ldots-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ldots-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$\ldots 0;\sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{\ldots=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}\ldots}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n\ldots;}^{Q6\ldots}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-Q04;$$

$$Q00;\sum\sum_{\ldots(D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q\ldots}^{Q20;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q2\ldots+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$((D \geq \mathbf{n} \ldots n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_i} - s + 1 > \mathbf{l_s} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{sa}} + s - \mathbf{n} - j_{sa})\big) \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3; , j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots,$ [illegible] $, j_{sa}^{i}, Q4; \} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$\underset{fz,C1,\text{[illegible]}j_s,j_{ik},j^{sa},j_i,D1;}{A,B1;} = Q00; \left(\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)} \right.$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{(\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s\ [illegible])!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s\ [illegible]\ j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\ [illegible]\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}\ [illegible]\ j_{sa})!}\cdot$$

$$\frac{([illegible]\ \mathbf{l_i})!}{([illegible]-\mathbf{n}-[illegible])!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=\mathbf{l}}^{[illegible]}\ \sum_{(j_s=2)}^{([illegible]-D-s)}$$

$$\sum_{[illegible]=\mathbf{l_{ik}}+\mathbf{n}\ [illegible]}^{\mathbf{l_i}+[illegible]_{sa}^{ik}-D-s-1}\ \sum_{([illegible]+\mathbf{n}+j_{sa}-D-s)}^{([illegible]_{sa}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=[illegible]}^{Q6;}\ \sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{([illegible]-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\text{[illegible]})!}\cdot$$

$$\frac{(D-\mathbf{l_i}\text{[illegible]}}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\text{[illegible]}\mathbf{n}-j_i)!}$$

$$\sum\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s\text{[illegible]}}^{(\mathbf{l_s}-\mathbf{l}\text{[illegible]})}$$

$$\sum_{j_{ik}=\text{[illegible]}j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}\text{[illegible]}}\ \sum_{(j\text{[illegible]}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i\text{[illegible]}s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\text{[illegible]}k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{\text{[illegible]}k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n\text{[illegible]}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n\text{[illegible]}-j^{sa}\text{[illegible]}2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l}_{sa}+j_{sa}^{ik}-\mathbf{l}_{ik}-j_{sa}\right)!}{(j_{ik}+\mathbf{l}_{sa}-j^{sa}-\mathbf{l}_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\mathbf{l}_i)!}{(D+j_i-\mathbf{n}-\mathbf{l}_i)!\cdot(\mathbf{n}-j_i)!}\right)Q02;$$

$$Q00;\left(\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l}_i+\mathbf{n}-D-s)}\right.$$

$$\sum_{j_{ik}=\mathbf{l}_{ik}+\mathbf{n}-D}^{\mathbf{l}_i+\mathbf{n}+j_{sa}^{ik}-D-s-1}\sum_{(j^{sa}=\mathbf{l}_{sa}+\mathbf{n}-D)}^{(\mathbf{l}_i+\mathbf{n}+j_{sa}-D-s-1)}\sum_{j_i=j_{sa}+\mathbf{n}-D}^{\mathbf{l}_i-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-1)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l}_s-\mathbf{l}-1)!}{(\mathbf{l}_s-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l}_{ik}-\mathbf{l}_s-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l}_{ik}-j_{ik}-\mathbf{l}_s)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l}_{sa}+j_{sa}^{ik}-\mathbf{l}_{ik}-j_{sa}\right)!}{(j_{ik}+\mathbf{l}_{sa}-j^{sa}-\mathbf{l}_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l}_i+j_{sa}-\mathbf{l}_{sa}-s)!}{(j^{sa}+\mathbf{l}_i-j_i-\mathbf{l}_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=\mathbf{l_{sa}}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\right) Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j\ldots}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}\ldots-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}\ldots)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i\ldots}$$

$$\frac{(n_s + \ldots - s - Q\ldots)!}{(n_s \ldots j_i - \mathbf{n} - Q3\ldots - j_{sa}^{s})! \ldots + j_s \ldots - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s \ldots \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \ldots - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{ Q044;}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq$ [illegible] $- \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} -$ [illegible] $+ 1 \wedge$

$1 \leq$ [illegible] $j_{ik} - j_{sa}^{ik} +$ [illegible] $\wedge j_s + j_{sa}^{ik} - 1$ [illegible] $+ j_{sa}^{ik} - j_{sa} \wedge$

j [illegible] $= j_i + j_{sa} -$ [illegible] $\wedge j^{sa} +$ [illegible] $j_{sa} \leq j_i$ [illegible] $\mathbf{n} \wedge$

$\mathbf{l_{ik}}$ [illegible] $+ 1 = \mathbf{l_s} \wedge$ [illegible] $+ j_{sa}^{ik}$ [illegible] $> \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

[illegible] $+ s -$ [illegible] $\mathbf{l_i} \leq D + \mathbf{l}$ [illegible] $+ s - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge$ [illegible]

$j_{sa} < j_{sa}^{i}$ [illegible] $\wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

[illegible] $\{Q3;, j^{s}$ [illegible] $\cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )} $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )}\ \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}^{ik}}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1} $$

$$ \sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{(n_{sa}+j^{sa}-j_i-\mathbb{k}_3)} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot $$

$$ \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02; $$

$$ Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )} $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )}\ \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1} $$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q0[illegible]\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j^s_{sa})! \cdot (\mathbf{n} + j^s_{sa} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j^{ik}_{sa} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - j^{ik}_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;\wedge$

$j_{sa} < j^i_{sa} - 1 \wedge j^{ik}_{sa} < j_{sa} - 1 \wedge j^s_{sa} < j^{ik}_{sa} - 1$

$\mathbf{s}: \{Q3;, j^s_{sa}, \cdots, \Bbbk_1, j^{ik}_{sa}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, \ldots Q4;$

$s \geq 7 \wedge \mathbf{s} = s + Q5;\wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{ik}_{sa} + 1}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \mathbf{l_{sa}} + \mathbf{n} + s - D - j_{sa}}^{\mathbf{l_{sa}} + s - \mathbf{l} - j_{sa} + 1}$$

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \Bbbk + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \Bbbk_2 + \Bbbk_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \Bbbk_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\text{[illegible]})!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\text{[illegible]}\,\mathbf{l}-1)!}{(\mathbf{l_s}-\text{[illegible]}-\mathbf{l}+1)!\cdot(\text{[illegible]}-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-\text{[illegible]}j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\text{[illegible]})!\cdot(j^{sa}+\text{[illegible]}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(\text{[illegible]}+j_i-\text{[illegible]}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q04;$$

$$\text{[illegible]}000;\sum_{k=\mathbf{l}}\;\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=\text{[illegible]}+j_{sa}^{ik}-j_{sa}}\;\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\;)}\;\sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{\text{[illegible]}=Q7;+Q22;}^{\text{[illegible]}}\;\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\;\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\;)}\;\sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\;Q044;$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \land \mathbf{l_s} \leq D-\mathbf{n}+1 \land$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} - \mathrm{j_{sa}^{ik}} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{j_{sa}} - \mathbf{n} - \mathrm{j_{sa}^{ik}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2};\wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3};, \mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4};\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5};\wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{f\text{[illegible]}C1;}^{A1;}S_{\Rightarrow j_s\text{[illegible]},j_{ik},j^{sa},\text{[illegible]}1;}^{B1;} = Q\text{[illegible]} \sum_{\text{[illegible]}\mathbf{l}}^{\text{[illegible]}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\text{[illegible]})}
$$

$$
\sum_{\text{[illegible]}_{ik}=j_{sa}^{ik}+1}^{\text{[illegible]}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{\text{[illegible]})} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}}
$$

$$
\sum_{n_i=Q\text{[illegible]}}^{Q6;} \sum_{\text{[illegible]}\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{\text{[illegible]}-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q0\ldots$$

$$\ldots 00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{\ldots}\ldots)}^{\ldots)}$$

$$\sum_{\ldots=j_{sa}^{ik}+1}^{\mathbf{l_s}+\ldots}\ \sum_{(j\ldots+j_{sa}-s)}^{(\ \ )}\ \sum_{j_i=\ldots-\mathbf{l}+1}^{\ldots+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\ldots+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{\ldots=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{\ldots+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n\ldots=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n\ldots-j^{sa}\ldots)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s-Q9;)}^{(n_i-j_s-Q23;+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s-j_i-j_s-\ldots-Q31;)!}{(n_s+j_i-\mathbf{n}-Q\ldots-j_{sa}^{s})!\cdot(\ldots+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}+2\leq\mathbf{l}\leq\mathbf{l_i}-1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_s}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D+j_{sa}-\mathbf{n}<\mathbf{l_{sa}}\leq D+\mathbf{l_{ik}}+j_{sa}-\mathbf{n}-j_{sa}^{ik}\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j_{sa}-1\wedge j_{sa}^{ik}<j_{sa}-1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\cdots,\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i},Q4;\}\wedge$

$s\geq 7\wedge\mathbf{s}=s+Q5;\wedge$

$\Bbbk_z:z=3\wedge\Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3\Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )} $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )}\ \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1} $$

$$ \sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\ Q04; $$

$$ Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )}\ \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}} $$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\,Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}^{i}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}\colon \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z\colon z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q04;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_s+1)!}{(j_s+\mathbf{l_{ik}}-[illegible])!\cdot(j_{ik}-[illegible]-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}^{(\ )}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=[illegible]+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{[illegible]-Q7;+Q22;}^{[illegible]}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\ _{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} + 1 \le \mathbf{l} \le {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \le j_s \le j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \le j_{ik} \le j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \le j_i \le \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \le D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \ge \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \ge 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$_{fz,C1;}^{A1;}S_{\Rightarrow j_s, [illegible]^{sa}, j_i, D1;}^{B1[illegible]} [illegible] Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}[illegible]^{sa}+j_{sa}^{ik}-j_{sa}[illegible]} \sum_{[illegible]=j_i+j_{sa}-s)}^{[illegible])} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q[illegible]}^{Q6;} \sum_{(n_{is}=[illegible]+\mathbb{k}+Q8;-j_s+Q9;)}^{[illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ [illegible]04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j[illegible]j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j[illegible]}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ [illegible]}\ \sum_{j[illegible]_{sa}+\mathbf{n}+s-D-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q[illegible]}\ \sum_{(n_{is}=[illegible]+Q8;-j_s+[illegible])}^{(n_i-j_s[illegible]3;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{[illegible]_{sa}=n_{ik}+j_i[illegible]^{sa}-\mathbb{k}_2)}^{(}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i[illegible]\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<[illegible]\wedge\mathbf{l}\neq[illegible]_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l}[illegible]\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D+\mathbf{l}[illegible]s-[illegible]-\mathbf{l_i}\wedge$

$1[illegible]j_s\leq[illegible]-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+[illegible]-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1>\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-\mathbf{n}-1\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j_{sa}^{i}-1\wedge j_{sa}^{ik}<j_{sa}-1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}}^{\text{[illegible]}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-\text{[illegible]})}^{(\ \ )} \sum_{\text{[illegible]}+\mathbf{n}+s\text{[illegible]}D-j_{sa}}^{\mathbf{l}\text{[illegible]}-\mathbf{l}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;\text{[illegible]})}^{(n_i-j_s+1)} \sum_{\text{[illegible]}=\mathbf{n}+\Bbbk_2+\text{[illegible]}Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+\text{[illegible]}-j^{sa}+Q9;)}^{\text{[illegible]}+j_{ik}-j^{s}\text{[illegible]})} \sum_{\text{[illegible]}=\mathbf{n}+Q8;-j_i+Q9;}^{n_s\text{[illegible]}\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - \text{[illegible]})! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(\text{[illegible]} n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} \text{[illegible]} j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} \text{[illegible]} j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+2}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q0[illegible]$$

$$\frac{(n_i [illegible] - 1)!}{(j_s-2)! \cdot (n_i - n_{is} [illegible] + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!} \cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})! \cdot (\mathbf{n}-j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}+1\leq\mathbf{l}\leq{}_{\mathbf{i}}\mathbf{l}-1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1>\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-\mathbf{n}-1\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_s<j_{sa}^{i}-1\wedge j_{sa}^{ik}<j_{sa}-1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\mathbb{k}_3,j_{sa}^{i},Q4;\}\wedge$

$s\geq 7\wedge\mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z:z=3\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}.$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}.$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}.$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}.$$

$$Q\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}.$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}.$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}.$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}.$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j^s_{sa})! \cdot (\mathbf{n} + j^s_{sa} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$ Q[illegible]44;

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j^{ik}_{sa} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s$ [illegible] $\mathbf{l_{sa}}$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_{ik}} + j_{sa} -$ [illegible] $- j^{ik}_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j^i_{sa} - 1 \wedge j^{ik}_{sa} < j_{sa} - 1 \wedge j^s_{sa} < j^{ik}_{sa} -$ [illegible]

$\mathbf{s}: \{Q3;, j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \cdots, \mathbb{k}$ [illegible] $_{sa}, \cdots, \mathbb{k}_3,$ [illegible] $Q4;$ [illegible]

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} =$ [illegible] $+ \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$ [illegible]

$${}_{fz,C1;}^{A1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j^{ik}_{sa}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - [illegible])!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{([illegible] \mathbf{l} - 1)!}{(\mathbf{l_s} - [illegible] - \mathbf{l} + 1)! \cdot ([illegible] - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{s[illegible]})! \cdot (j^{sa} + [illegible] - j_{ik} - j_{sa})!}$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - [illegible] - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j[illegible] j_{sa}^{ik} + 1}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{\left(j^{sa} = \mathbf{l_{ik}} + j_{sa} - \mathbf{l} - j_{sa}^{ik} + 2\right)}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n[illegible]7;}^{Q6;[illegible]} \sum_{(n_{is} = \mathbf{n} + \Bbbk + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \Bbbk_2 + \Bbbk_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \Bbbk_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q0[illegible]$$

$$Q[illegible]00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}[illegible])}^{[illegible])}$$

$$\sum_{j_{ik}=j^{sa}[illegible]-j_{sa}}^{([illegible]-\mathbf{l}-j_{sa}^{ik}+[illegible])}\ \sum_{(j[illegible]+\mathbf{n}-D)}\ \sum_{j_i=j[illegible]+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q2[illegible]}^{[illegible]20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;[illegible]+Q9;)}^{(n_i-j[illegible]Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_{[illegible]}[illegible]j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\ [illegible]\wedge \mathbf{l}\neq\ _{\mathbf{i}}\mathbf{l}\wedge \mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$D+\mathbf{l_{ik}}+s[illegible]\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+2\leq \mathbf{l}\leq\ _{\mathbf{i}}\mathbf{l}-1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D+j_{sa}-\mathbf{n}<\mathbf{l_{sa}}\leq D+\mathbf{l_{ik}}+j_{sa}-\mathbf{n}-j_{sa}^{ik}\wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}\colon \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z\colon z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}}^{[illegible]} \sum_{(j_s=j_i [illegible] j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_i [illegible]}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+ [illegible])}^{([illegible]-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{[illegible]}
$$

$$
\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;- [illegible] Q9;)}^{(n [illegible] j_s+1)} \sum_{n_{ik}= [illegible] \mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{[illegible]}
$$

$$
\sum_{(n_{sa}= [illegible] \mathbb{k}_3+Q8;- [illegible] +Q9;)}^{(n_{ik}+j_{ik}-j^{sa} [illegible])} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{([illegible]_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$
Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \ Q04;
$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}-j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_s} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_{ik}} + j_{sa} - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2;$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3;\ j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4; \} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot $$

$$ \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02; $$

$$ Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q0\ \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!}.$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!}.$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \text{ Q[illegible]44;}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s$ [illegible] $\mathbf{l_{sa}}$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_{ik}} + j_{sa} -$ [illegible] $- j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} -$ [illegible]

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}$ [illegible] $_{sa}, \cdots, \mathbb{k}_3,$ [illegible] $Q4;$ [illegible]

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} =$ [illegible] $+ \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$ [illegible]

$$[illegible]{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum_{(j^{sa} = \mathbf{l_{sa}} + \mathbf{n} - D)}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7;}^{Q6;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbb{k}_3 + Q8; - j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} + \mathbb{k}_3 + Q8; - j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} + Q8; - j_i + Q9;}^{n_{sa} + j^{sa} - j_i - \mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}.$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{-Q7;+Q22;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l}\neq\ _{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \land$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \land \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \land$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \land \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \land$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \land \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \land \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \land$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \land$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \land \mathrm{Q2;} \land$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \land \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \land \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \land$

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \land$

$\mathrm{s} \geq 7 \land \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \land$

$\mathbb{k}_z: z = 3 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$
{}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},[illegible],D1;}^{B1;} = [illegible]00; \sum_{k=\mathbf{l}}^{[illegible]} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{[illegible]} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q[illegible]}^{Q6;} \sum_{(n_{is}=[illegible]+\mathbb{k}+Q8;-j_s+Q9;)}^{([illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot
$$

$$
\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot
$$

$$\text{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\text{Q0[illegible]}$$

$$\text{Q00;}\sum_{k=\mathbf{l}}\sum_{(j_s[illegible]}^{[illegible]-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j[illegible]_{sa}^{ik}-j_{sa}}\ \sum_{(j[illegible]\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{[illegible]s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=[illegible]\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{[illegible]_k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{[illegible]+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n[illegible]=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{([illegible]j_{ik}-j^{sa}[illegible])}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\text{Q05;}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\text{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q04;}$$

$$\mathrm{Q000;}\sum_{\mathrm{k}=\mathbf{l}}\ \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ \ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}}\ \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathbf{l})}\ \sum_{\text{[illegible]}\mathrm{^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}+\mathrm{Q22;}}^{\mathrm{Q20;}}\ \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}\text{[illegible]}\mathrm{9;})}^{(\mathrm{n_i}-\mathrm{j_s}-\mathrm{Q23;}+1)}\ \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}\text{[illegible]}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}\text{[illegible]}-\mathrm{j^{sa}}-\mathbb{k}_2\text{[illegible]}}^{(\ \ )}\ \sum_{\text{[illegible]}\mathrm{^{sa}}-\mathrm{j_i}-\mathbb{k}_3}$$

$$\frac{(\mathrm{n_s}\text{[illegible]}\mathrm{j_i}-\mathrm{j_s}\text{[illegible]}-\mathrm{Q31;})!}{(\text{[illegible]}+\mathrm{j_i}-\mathbf{n}-\mathrm{Q}\text{[illegible]}-\mathrm{j_{sa}^{s}})!\text{[illegible]}+\mathrm{j_{sa}^{s}}-\mathrm{j_s}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l}\text{[illegible]}\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q044;}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq$ [illegible] $\wedge\, \mathbf{l_s} \leq \mathrm{D} - \mathbf{n}$ [illegible] $\wedge$

D [illegible] $\mathbf{l_s} + \mathrm{s} -$ [illegible] $- \mathbf{l_i} + 1$ [illegible] $\mathbf{l} \leq\ {}_{\mathrm{i}}\mathbf{l} - 1 \wedge$

$1 \leq$ [illegible] $\leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}}$ [illegible] $\wedge\, \mathrm{j_s} +$ [illegible] $\leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i}$ [illegible] $\mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}}$ [illegible] $- \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1$ [illegible] $\wedge\, \mathbf{l_s}$ [illegible] $\mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

D [illegible] $< \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n}$ [illegible] $\mathrm{Q2;} \wedge$

$\mathrm{j_{sa}}$ [illegible] $\mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}\colon \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z\colon \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}=Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} $$

$$ \sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3}Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot $$

$$ Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j^{ik}_{sa}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j^{ik}_{sa}+1)!}\cdot $$

$$ \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04; $$

$$ Q000;\sum_{k=\mathbf{l}}\sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\sum_{j_i=j^{sa}+s-j_{sa}} $$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{i}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa}^{s} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}^{i}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}:\{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge s = s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q04;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+2)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\ [illegible])!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_s+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s\ [illegible]+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\ [illegible]\ \mathbf{l_{ik}})!\cdot(j^{sa}+j\ [illegible]-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$[illegible]000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{[illegible]=Q7;+Q22;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$$

$\mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} + 1 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}^{\mathrm{A1;}}_{\mathrm{fz,C1;}}\mathrm{S}^{\mathrm{B1;}}_{\Rightarrow \mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i},\mathrm{D1;}} = \mathrm{Q00;} \sum_{k=\mathbf{l}}^{(\mathbf{l_s}-\mathbf{l}+1)} \sum_{(\mathrm{j_s}=2)}$$

$$\sum_{\mathrm{j_{ik}}=\mathbf{l_{ik}}+\mathrm{j_{sa}^{ik}}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}}^{\mathrm{Q6;}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3} \mathrm{Q05;}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - \mathbb{k}_2 - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}} - \mathbb{k}_2)!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - \mathbb{k}_3 - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i} - \mathbb{k}_3)!} \cdot$$

$$\mathrm{Q06;} \frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q0[illegible]$$

$$[illegible]00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}[illegible])}$$

$$\sum_{j_{ik}=[illegible]+j_{sa}^{ik}-j_{sa}}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})[illegible]}\ \sum_{([illegible]=\mathbf{l_{sa}}+\mathbf{n}-D)}\ \sum_{j_i=[illegible]+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q2[illegible]}^{[illegible]20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;[illegible]+Q9;)}^{(n_i-[illegible]Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{([illegible]j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D[illegible]\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D[illegible]\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}^{ik}+1\wedge$

$1[illegible]j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D+j_{sa}-\mathbf{n}<\mathbf{l_{sa}}\leq D+\mathbf{l_{ik}}+j_{sa}-\mathbf{n}-j_{sa}^{ik}\wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j^{i}_{sa}} - 1 \wedge \mathrm{j^{ik}_{sa}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j^{s}_{sa}} < \mathrm{j^{ik}_{sa}} - 1 \wedge$

$\mathbf{s}\colon \left\{ \mathrm{Q3;}, \mathrm{j^{s}_{sa}}, \cdots, \mathbb{k}_1, \mathrm{j^{ik}_{sa}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j^{i}_{sa}}, \mathrm{Q4;} \right\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z\colon z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}\ [illegible]} \sum_{(j_s=j_i [illegible] j^{ik}_{sa}+1)}^{(\ \ )} $$

$$ \sum_{j_{ik}=j^{ik}_{sa} [illegible]}^{\mathbf{l_{sa}}+\mathbf{n}+j^{ik}_{sa}-D-j_{sa}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n} [illegible])}^{[illegible]-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{[illegible]} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j [illegible] Q9;)}^{(n [illegible] j_s+1)} \sum_{n_{ik}=[illegible]\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is} [illegible]} $$

$$ \sum_{(n_{sa}=[illegible]+Q8;[illegible]+Q9;)}^{(n_{ik}+j_{ik}-j^{sa} [illegible])} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{([illegible]_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{\left(\mathbf{l_{sa}} + j^{ik}_{sa} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02; $$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{s}_{sa})!\cdot(\mathbf{n}+j^{s}_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-\text{[illegible]})!}{(\mathbf{l_s}-j_s\ \text{[illegible]}\ 1)!\cdot(\text{[illegible]}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$ [illegible]

$2 \leq \mathbf{l} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j^{ik}_{sa}+$ [illegible] $\wedge$

$1 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \wedge j_s+j^{ik}_{sa}-1 \leq$ [illegible] $\leq j^{sa}+j^{ik}_{sa}-$ [illegible] $\wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j$ [illegible] $-j_{sa} > \mathbf{l_{ik}}$ [illegible] $+j_{sa}$ [illegible] $\wedge$

$D+j_{sa}-\mathbf{n} < \mathbf{l_{sa}} \leq D+\mathbf{l_{ik}}+$ [illegible] $-\mathbf{n}-j^{ik}_{sa}$ [illegible]

$D \geq \mathbf{n} < n \wedge Q2;$ [illegible]

j [illegible] $< j^{i}_{sa}-$ [illegible] $j^{ik}_{sa} < j_{sa}$ [illegible] $1 \wedge j^{s}_{sa} < j^{ik}_{sa}$ [illegible] $1 \wedge$

$\mathbf{s}: \{Q3;, j^{s}_{sa}, \cdots, \mathbb{k}_1,$ [illegible] $, \cdots, \mathbb{k}_2,$ [illegible] $, \mathbb{k}_3, j^{i}_{sa}, Q4;\} \wedge$

$s \geq 7 \wedge$ [illegible] $= s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge$ [illegible] $=\mathbb{k}_1+$ [illegible] $+\mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{\mathbf{l_{sa}}+\mathbf{n}+j^{ik}_{sa}-D-j_{sa}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q0\ldots\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - [illegible])!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{([illegible] - 1)!}{(n_s + j_i - \mathbf{n} - [illegible])! \cdot ([illegible] - j_i)!} \cdot$$

$$\frac{([illegible] - \mathbf{l} - 1)!}{([illegible] - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + [illegible] - \mathbf{l_{ik}} - j_{sa} [illegible])!}{(j_{ik} + \mathbf{l_{sa}} - [illegible] - \mathbf{l_{ik}})! \cdot ([illegible]^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - [illegible])!}{(D + j_i - [illegible]\mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \mathbf{l_{sa}} + \mathbf{n} + j_{sa}^{ik} - D - j_{sa}}^{[illegible] j_{sa}^{ik} - \mathbf{l}} \; \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \; \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; + Q22;}^{Q20;} \; \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s - Q23; + 1)} \; \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \; \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + s - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}\colon \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z\colon z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$f_{z,[illegible]}{}^{[illegible]1;}S^{B1;}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D[illegible]} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+[illegible]+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-[illegible]} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i[illegible]}^{Q[illegible]} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$\mathrm{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+ [illegible]}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot([illegible] -j_i)!}\mathrm{Q0} [illegible]$$

$$\mathrm{Q00;}\sum_{k=\mathbf{l}} [illegible] \sum_{(j_s [illegible]}^{ [illegible] -\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s} [illegible] -\mathbf{l}+1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l}- [illegible]}\;\sum_{(j^{ [illegible]}+j_{sa}-j_{sa}^{ik})}^{(\;\;)}\;\sum_{j_i [illegible] s-j_{sa}}$$

$$\sum_{n_i=\mathrm{Q7;}}^{\mathrm{Q6;}}\;\sum_{(n_{is}= [illegible] k+\mathrm{Q8;}-j_s+\mathrm{Q9;})}^{(n_i-j_s+1)}\;\sum_{ [illegible] k=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-j_{ik}+\mathrm{Q9;}}^{ [illegible] +j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n [illegible] =\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-j^{sa}+\mathrm{Q9;})}^{(n [illegible] -j^{sa} [illegible] 2)}\;\sum_{n_s=\mathbf{n}+\mathrm{Q8;}-j_i+\mathrm{Q9;}}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\mathrm{Q05;}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$\mathrm{Q06;}\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q04;}$$

$$\mathrm{Q000;}\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s-[illegible])}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-[illegible]-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+[illegible]-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{[illegible]-j_i-\mathbb{k}_3}$$

$$\frac{(n_s-[illegible]-j_s-[illegible]-Q31;)!}{([illegible]+j_i-\mathbf{n}-[illegible]-j_{sa}^{s})!\cdot([illegible]+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l}[illegible]-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ \mathrm{Q044;}$$

$D \geq \mathbf{n} < n \land \mathbf{l} \neq [illegible] \land \mathbf{l_s} \leq D - \mathbf{n} + [illegible] \land$

$D[illegible]\mathbf{l_s} + s - [illegible] - \mathbf{l_i} + 1 [illegible] \mathbf{l} \leq {}_{i}\mathbf{l} - 1 \land$

$1 \leq [illegible] \leq j_{ik} - j_{sa}^{ik} [illegible] \land j_s + [illegible] \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \land$

$j^{sa} = j_i [illegible] j_{sa} - s \land j^{sa} [illegible] - j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 [illegible] \land \mathbf{l} [illegible] j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \land \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \land$

$D [illegible] s - [illegible] \leq \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \land$

$D \geq \mathbf{n} < n [illegible] Q2; \land$

$j_{sa} < j_{sa} - 1 \land j_{sa}^{ik} < j_{sa} - 1 \land j_{sa}^{s} < j_{sa}^{ik} - 1 \land$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \land$

$s \geq 7 \land \mathbf{s} = s + Q5; \land$

$\mathbb{k}_z: z = 3 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l}-j_{sa}+1}\;\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)}\;\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\;\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\;\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\;\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q04;$$

$$Q000;\sum_{k=\mathbf{l}}\;\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}}\;\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)}\;\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^{s}_{sa})!\cdot(\mathbf{n}+j^{s}_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q44;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\wedge$

$1\leq j_s\leq j_{ik}-j^{ik}_{sa}+1\wedge j_s+j^{ik}_{sa}-1\leq j_{ik}\leq j^{sa}+j^{ik}_{sa}-j_{sa}\wedge$

$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1>\mathbf{l_s}\wedge\mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-\mathbf{n}-1\wedge$

$D\geq\mathbf{n}<n\wedge Q2;\wedge$

$j_{sa}<j^{i}_{sa}-1\wedge j^{ik}_{sa}<j^{i}_{sa}-1\wedge j^{s}_{sa}<j^{ik}_{sa}-1\wedge$

$\mathbf{s}:\left\{Q3;,j^{s}_{sa},\cdots,\Bbbk_1,j^{ik}_{sa},\cdots,\Bbbk_2,\cdots,\Bbbk_3,j^{i}_{sa},Q4;\right\}\wedge$

$s\geq 7\wedge\mathbf{s}=s+Q5;\wedge$

$\Bbbk_z:z=3\wedge\Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3\Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{sa}}+\mathbf{n}+j^{ik}_{sa}-D-j_{sa}-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\text{[illegible]})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-\text{[illegible]}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_{\text{[illegible]}}-\mathbb{k}_3-\text{[illegible]})!}{(j_i-j^{sa}-1)!\cdot(n_{sa}\text{[illegible]}{}^{sa}-n_s-j_i-\text{[illegible]})!}\cdot$$

$$Q\text{[illegible]}\frac{(n\text{[illegible]}1)!}{(n_s+j\text{[illegible]}\mathbf{n}-\text{[illegible]})!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\text{[illegible]}\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}\text{[illegible]}{}_s-j_{sa}^{ik}+1\right)!}{(j_s\text{[illegible]}\mathbf{l_{ik}}-j_{ik}-\text{[illegible]})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}\text{[illegible]}j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\text{[illegible]}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\ [illegible])!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_s\ [illegible]+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s\ [illegible]+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\ [illegible]\ j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\ [illegible])!\cdot(j^{sa}+j_s\ [illegible]-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$[illegible]000;\sum_{k=\mathbf{l}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+[illegible]+j_{sa}^{ik}-D-j_{sa}}^{[illegible]+j_{sa}^{ik}-\mathbf{l}}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{[illegible]=Q7;+Q22;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq\ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l}_{ik} + s - \mathbf{n} - \mathbf{l}_i - j_{sa}^{ik} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l}_{ik} - j_{sa}^{ik} + 1 = \mathbf{l}_s \wedge \mathbf{l}_{sa} + j_{sa}^{ik} - j_{sa} > \mathbf{l}_{ik} \wedge \mathbf{l}_i + j_{sa} - s = \mathbf{l}_{sa} \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l}_{sa} \leq D + \mathbf{l}_{ik} + j_{sa} - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3; , j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4; \} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{f_z C1;}^{A1;}S_{\Rightarrow j_s, j_{ik}, j^{sa}, [illegible]}^{B1;} = Q[illegible] \sum_{\mathbf{l}[illegible]}^{[illegible]} \sum_{(j_s=2)}^{(\mathbf{l}_{sa}[illegible]D - j_{sa})} $$

$$ \sum_{j_{ik}=j_s+j_{sa}-1}^{[illegible]} \sum_{(j^{sa}=\mathbf{l}_{sa}+\mathbf{n}-D)}^{(\mathbf{l}_{sa}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q[illegible]}^{Q6;} \sum_{(n_{is}=[illegible]+\mathbb{k}+Q8;-j_s+Q9;)}^{([illegible]-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\text{[illegible]}02;$$

$$Q00;\sum_{k=\mathbf{l}\text{[illegible]}}\sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-\text{[illegible]}-j_{sa}+1)}^{(\mathbf{l_{ik}}-\text{[illegible]}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j^{ik}\text{[illegible]}}\sum_{(j^{sa}=j_{ik}+j_{sa}\text{[illegible]})}^{(\text{[illegible]}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;\text{[illegible]}+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}\text{[illegible]}\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{\text{[illegible]}-\Bbbk_1}$$

$$\sum_{(n_{sa}\text{[illegible]}\Bbbk_3+Q8;-\text{[illegible]}+Q9;)}^{(n_{ik}+j_{ik}-j^{\text{[illegible]}}\text{[illegible]}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{\text{[illegible]}_{sa}+j^{sa}-j_i-\Bbbk_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(\text{[illegible]}_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-\ldots}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}\ldots-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\ldots)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i\ldots}$$

$$\frac{(n_s+\ldots s-Q3\ldots)!}{(n_s\ldots j_i-\mathbf{n}-Q3\ldots j_{sa}^{s})!\cdot(\ldots j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\ldots+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ldots-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \ldots - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_{ik}} + s - \mathbf{n} - \mathbf{l_i} - j_{sa}^{ik} + 2 \leq \ldots \leq {}_{\mathbf{i}}\mathbf{l} - 1 \ldots$

$1 \leq j_s \ldots j_{ik} - j_{sa}^{ik} + \ldots j_s + j_{sa}^{ik} - 1 \leq \ldots j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{s\ldots} = j_i + j_{sa} - \ldots \wedge j^{sa} + \ldots j_{sa} \leq j_i \ldots \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \ldots^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l} \ldots + j_{sa}^{ik} - \ldots > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\ldots + j_{sa} - \ldots < \mathbf{l_{sa}} \leq D \ldots \mathbf{l_{ik}} + j_{sa} - \mathbf{n} - j_{sa}^{ik} \wedge$

$D \geq \mathbf{n} < n \wedge Q\ldots$

$j_{sa} < j_{sa}^{i} - \ldots \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\ldots\{Q3; \ldots, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \ Q04; $$

$$ Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$\sum_{n_i=Q7;+Q22;}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^s_{sa})!\cdot(\mathbf{n}+j^s_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_{ik}}+s-\mathbf{n}-\mathbf{l_i}-j^{ik}_{sa}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \wedge j_s+j^{ik}_{sa}-1 \leq j_{ik} \leq j^{sa}+j^{ik}_{sa}-s \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n} < \mathbf{l_{sa}} \leq D+\mathbf{l_{ik}}+j_{sa}-\mathbf{n}-j^{ik}_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_s < j^i_{sa}-1 \wedge j^{ik}_{sa} < j_{sa}-1 \wedge j^s_{sa} < j^{ik}_{sa}-1 \wedge$

$\mathbf{s}: \{Q3;, j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \cdots, \mathbb{k}_2, \cdots, \mathbb{k}_3, j^i_{sa}, Q4;\} \wedge$

$s \geq 7 \wedge S = s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa})}$$

$$\sum_{j_{ik}=j_s+j^{ik}_{sa}-1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q[illegible] \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\text{[illegible]})!\cdot(j^{sa}+\text{[illegible]}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q00[illegible]\sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)}$$

$$\sum_{[illegible]=j_s+j_{sa}^{ik}-1}\ \sum_{\left(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}\right)}^{(\ \ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{[illegible]Q7;+Q22;}^{Q20[illegible]}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ \ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\wedge\mathbf{l}\neq\ _{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$\mathrm{D} + \mathbf{l_{ik}} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} - \mathrm{j_{sa}^{ik}} + 2 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_{ik}} + \mathrm{j_{sa}} - \mathbf{n} - \mathrm{j_{sa}^{ik}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, \mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}, \mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}^{\mathrm{A1;}}_{\mathrm{fz,C1;}}\mathrm{S}^{\mathrm{B1}[illegible]}_{\Rightarrow \mathrm{j_s}, [illegible]^{\mathrm{sa}}, \mathrm{j_i}, \mathrm{D1;}} [illegible] \mathrm{Q00;} \sum_{k=\mathbf{l}} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_s}-\mathbf{l}-1)} $$

$$ \sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathrm{j_{sa}}-1} \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}} $$

$$ \sum_{\mathrm{n_i}=\mathrm{Q}[illegible]}^{\mathrm{Q6;}} \sum_{[illegible]+\mathbb{k}+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{[illegible]-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} $$

$$ \sum_{(\mathrm{n_{sa}}=\mathbf{n}+\mathbb{k}_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3} \mathrm{Q05;} $$

$$ \frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot $$

$$ \frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - \mathbb{k}_2 - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(\mathrm{n_{sa}} - \mathrm{n_s} - \mathbb{k}_3 - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i} - \mathbb{k}_3)!} \cdot $$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-[illegible])!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q0[illegible]$$

$$Q000[illegible]\sum_{\mathbb{k}=[illegible]}\ \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}[illegible])}^{(\mathbf{l_s}-\mathbf{l}-[illegible])}$$

$$\sum_{j_{ik}=[illegible]+j_{sa}^{ik}-1}\ \sum_{(j^{[illegible]}=[illegible]+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{[illegible]s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q[illegible]}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;[illegible]+Q9;)}^{(n_i-[illegible]Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{([illegible]_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq [illegible]n \wedge \mathbf{l} \neq [illegible]_{\mathbf{i}} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D[illegible]_{\mathbf{s}}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$[illegible]_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}}^{(\mathbf{l_i}+\mathbf{n}-D-j_{sa})} \sum_{(j_s=2)}^{(\cdots)} $$

$$ \sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-\cdots}^{\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdots)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\cdots} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} Q02; $$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\cdot Q44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa}^{s} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}^{i}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$${}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa})}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q01;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\mathbf{l}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s = \mathbf{l_{sa}} + \mathbf{n} - D - j_{sa} + 1)}^{(\mathbf{l_s} - \mathbf{l} - 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\;)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; + Q22;}^{Q20;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} + Q8; - j_s + Q9;)}^{(n_i - j_s - Q23; + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\;)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{i}-1 \wedge j_{sa}^{ik} < j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}\colon \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;, \ldots \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+Q5; \wedge$

$\mathbb{k}_z\colon z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3 \Rightarrow$

$$f_{z}{}^{A1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j\ ,j_i,D1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_{ik}}+s+\mathbf{n}-D-j_{sa}^{ik}}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}\ Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-[illegible])!}{(D+j_i-[illegible]-\mathbf{l_i})!\cdot([illegible])!}Q02;$$

$$Q0[illegible]\sum \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+[illegible])}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}[illegible]}^{[illegible])}\ \sum_{[illegible]=j_i+j_{sa}-s)}\ \sum_{j_i=\mathbf{l_s}+s-\mathbf{l}+1}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;}\ \sum_{(n_{is}=[illegible]\Bbbk+Q8;-j_s+Q9;)}^{([illegible]j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1 \text{[illegible]}}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \text{[illegible]} + \mathbf{n} \text{[illegible]} - j_{sa}^{ik}}^{\mathbf{l_s} \text{[illegible]} - \mathbf{l}}$$

$$\sum_{n_i = Q7; + Q22;}^{Q20;} \sum_{(n_{is} = \mathbf{n} + \text{[illegible]} Q8; \text{[illegible]})}^{(n_i - j_s - Q23; + 1)} \sum_{n_{ik} = \text{[illegible]} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} \text{[illegible]} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{\text{[illegible]} = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_s + j_i - j \text{[illegible]} - s - Q31;)!}{(\text{[illegible]} + j_i - \text{[illegible]} - Q31; - \text{[illegible]})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \land \mathbf{l}$ [illegible] $\mathbf{l} \land \mathbf{l_s} \leq$ [illegible] $- \mathbf{n}$ [illegible] $\land$

$D +$ [illegible] $+ s - \mathbf{n} - \mathbf{l_i} +$ [illegible] $\leq \mathbf{l} \leq$ [illegible] $- 1 \land$

$1 \leq j_s \leq j_{ik}$ [illegible] $j_{sa}^{ik} + 1 \land$ [illegible] $+ j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \land$

j^{sa} [illegible] $+ j_{sa} - s \land$ [illegible] $+ s - j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}} - j_{sa}^{ik} +$ [illegible] $\mathbf{l_s} \land \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \land \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \land$

[illegible] $< \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \land$

$D \geq \mathbf{n} < n \land Q2; \land$

$j_{sa} < j_{sa}^{i} - 1 \land j_{sa}^{ik} < j_{sa} - 1 \land j_{sa}^{s} < j_{sa}^{ik} - 1 \land$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \land$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+j_{sa}+s-D-j_{sa}^{ik}}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04; $$

$$ Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+s+\mathbf{n}-D-j_{sa}^{ik}}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_s^{sa})!\cdot(\mathbf{n}+j_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\land\mathbf{l}\neq{}_{\mathbf{i}}\mathbf{l}\land\mathbf{l_s}\leq D-\mathbf{n}+1\land$

$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\land$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\land j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\land$

$j^{sa}=j_i+j_{sa}-s\land j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\land$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1>\mathbf{l_s}\land\mathbf{l_{ik}}+j_{sa}^{ik}-j_{sa}=\mathbf{l^{sa}}\land\mathbf{l^{sa}}+j_{sa}-s=\mathbf{l_{sa}}\land$

$D+s-\mathbf{n}<n\leq D+\mathbf{l_s}+s-\mathbf{n}-1\land$

$D\geq\mathbf{n}<n\land Q2;\land$

$j_{sa}<j_{sa}^{s}-1\land j_{sa}^{ik}<j_{sa}^{i}-1\land j_{sa}^{s}<j_{sa}^{ik}-1\land$

$\mathbf{s}:\{Q3;,j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\cdots,\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i},Q4;\}\land$

$s\geq 7\land s=s+Q5;\land$

$\mathbb{k}_z:z=3\land\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3\Rightarrow$

$$_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i,D1;}^{B1;}=Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q0$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!} Q02;$$

$$Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-\mathbf{l}+1)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\;)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} \text{ Q044;}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$\mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} + 1 \leq \mathbf{l} \leq {}_{\mathbf{i}}\mathbf{l} - 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j^{sa}} = \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{Q2;} \wedge$

$\mathrm{j_{sa}} < \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} < \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{Q3;}, , \mathrm{j_{sa}^{s}}, \cdots, \Bbbk_1, \mathrm{j_{sa}^{ik}}, \cdots, \Bbbk_2, \mathrm{j_{sa}}, \cdots, \Bbbk_3,$ [illegible] $\mathrm{Q4;}\} \wedge$

$\mathrm{s} \geq 7 \wedge \boldsymbol{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\Bbbk_z: \mathrm{z} = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$f_{[illegible]1;}^{[illegible];}S_{\Rightarrow \mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i},\mathrm{D1;}}^{\mathrm{B1;}} = \mathrm{Q00;} \sum_{k=\mathbf{l}} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathbf{l_{ik}}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{j_{sa}^{ik}})}^{(\mathbf{l_{ik}}+\mathrm{j_{sa}}-\mathbf{l}-\mathrm{j_{sa}^{ik}}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q7;}}^{\mathrm{Q6;}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\Bbbk+\mathrm{Q8;}-\mathrm{j_s}+\mathrm{Q9;})}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\Bbbk_2+\Bbbk_3+\mathrm{Q8;}-\mathrm{j_{ik}}+\mathrm{Q9;}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\Bbbk_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\Bbbk_3+\mathrm{Q8;}-\mathrm{j^{sa}}+\mathrm{Q9;})}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\Bbbk_2)} \sum_{\mathrm{n_s}=\mathbf{n}+\mathrm{Q8;}-\mathrm{j_i}+\mathrm{Q9;}}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\Bbbk_3} \mathrm{Q05;}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \Bbbk_1 - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}\ [illegible])!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-[illegible]+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s\ [illegible]+1)!}\cdot$$

$$\frac{(D-[illegible])!}{([illegible]-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q0[illegible];$$

$$Q[illegible]0;\sum_{[illegible]=\mathbf{l}}^{[illegible])}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=[illegible]+j_{sa}^{ik}-j_{s}[illegible]}\ \sum_{([illegible]\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{([illegible]j_{sa}-\mathbf{l})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{[illegible]Q7;+Q[illegible]}^{Q20;}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j_{sa}^{s})!\cdot(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D\geq\mathbf{n}<n\land\mathbf{l}\neq\ _{\mathbf{i}}\mathbf{l}\land\mathbf{l_s}\leq D-\mathbf{n}+1\land$

$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\land$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\land j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\land$

$j^{sa} = j_i + j_{sa} - s \land j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \land$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \land \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \land \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \land$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \land$

$D \geq \mathbf{n} < n \land Q2; \land$

$j_{sa} < j_{sa}^{i} - 1 \land j_{sa}^{ik} < j_{sa} - 1 \land j_{sa}^{s} < j_{sa}^{ik} - 1 \land$

$\mathbf{s}: \{Q3;, j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \cdots, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}, Q4;\} \land$

$s \geq 7 \land \mathbf{s} = s + Q5; \land$

$\mathbb{k}_z: z = 3 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$

$$ {}_{fz,C1;}^{A1;}S_{\Rightarrow j_s\ ,j_{ik}, [illegible] j_i, [illegible]}^{B1;} = Q00; \sum_{[illegible]}^{[illegible]} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+ [illegible])} $$

$$ \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_s}+ [illegible] -\mathbf{l}} \sum_{([illegible]=j_{ik}+j_{sa}-j_{sa}^{ik})}^{[illegible])} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;} \sum_{(n_{is}= [illegible] \mathbb{k}+Q8;-j_s+Q9;)}^{([illegible] j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{([illegible] n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05; $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot $$

$$ \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \cdot $$

$$ Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_s)}^{(\ )}\sum_{j_i=j^{sa}+j_s-j_{sa}}$$

$$Q6;\sum_{n_i=Q7;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_i+Q9;)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3}Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q06;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q04;$$

$$Q000;\sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-\text{[illegible]}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}\text{[illegible]}-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\text{[illegible]})}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\text{[illegible]}}$$

$$\frac{(n_s+\text{[illegible]}s-Q3\text{[illegible]})!}{(n_s\text{[illegible]}j_i-\text{[illegible]}-Q31\text{[illegible]}j_{sa}^{s})!\cdot(\text{[illegible]}j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\text{[illegible]}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\text{[illegible]}D-\mathbf{l_i})!}{(D+j_i-\text{[illegible]}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q044;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \text{[illegible]} - \mathbf{n} + 1 \wedge$

$D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} + 1 \leq \mathbf{l} \leq {}_{\mathbf{i}}\text{[illegible]} 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + \text{[illegible]} \wedge j_s + j_{sa}^{ik} - 1 \leq \text{[illegible]} j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{s\text{[illegible]}} = j_i + j_{sa} - \text{[illegible]} \wedge j^{sa} + s \text{[illegible]} j_{sa} \leq j\text{[illegible]} \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \text{[illegible]}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_s} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} \text{[illegible]} \mathbf{l_i} \leq D + \mathbf{l}\text{[illegible]} - s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2\text{[illegible]}$

$j_{sa} < j_{sa}^{i} - \text{[illegible]} \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\text{[illegible]}\{Q3; \text{[illegible]} \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}, Q4;\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 \Rightarrow$

$$ {}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)} $$

$$ \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=\mathbf{n}+\Bbbk+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2+\Bbbk_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}+\Bbbk_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\Bbbk_3} Q05; $$

$$ \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot $$

$$ \frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot $$

$$ \frac{(n_{sa}-n_s-\Bbbk_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\Bbbk_3)!}\cdot $$

$$ Q06; \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot $$

$$ \frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot $$

$$ \frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot $$

$$ \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ Q04; $$

$$ Q000; \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_s+j_i-j_s-s-Q31;)!}{(n_s+j_i-\mathbf{n}-Q31;-j^s_{sa})!\cdot(\mathbf{n}+j^s_{sa}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-[illegible])!}{(\mathbf{l_s}-j_s [illegible] 1)!\cdot([illegible]-2)!}\cdot$$

$$\frac{(D [illegible] \mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i} [illegible] (\mathbf{n}-j_i)!} [illegible]44;$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$ [illegible]

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq$ [illegible] $\leq j^{sa} + j^{ik}_{sa} -$ [illegible] $\wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{[illegible]} - j_{sa} = \mathbf{l_{ik}} \wedge$ [illegible] $+ j_{sa}$ [illegible] $\wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s$ [illegible] $\mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge Q2$[illegible]

$j_{[illegible]} < j^i_{sa} -$ [illegible] $j^{ik}_{sa} < j_{[illegible]} - 1 \wedge j^s_{sa} < j^{ik}_{sa}$ [illegible] $1 \wedge$

$\mathbf{s}: \{Q3;, , j^s_{sa}, \cdots, \mathbb{k}_1$ [illegible] $^{ik}, \cdots, \mathbb{k}_2$ [illegible] $\mathbb{k}_3, j^i_{sa}, Q4;\} \wedge$

$s \geq 7$ [illegible] $= s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge$ [illegible] $= \mathbb{k}_1 +$ [illegible] $+ \mathbb{k}_3 \Rightarrow$

$${}^{A1;}_{fz,C1;}S^{B1;}_{\Rightarrow j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}+\mathbf{n}-D-j^{ik}_{sa})}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot$$

$$\frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!}\cdot$$

$$Q04;\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}Q02;$$

$$Q00;\sum_{k=\mathbf{l}}\ \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - \Bbbk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \Bbbk_3)!} \cdot$$

$$Q06; \frac{([illegible] - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot ([illegible] - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + [illegible])!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q04;$$

$$Q000; \sum_{k=\mathbf{l}} \sum_{(j_s = \mathbf{l_{ik}} + \mathbf{n} - D - j_{sa}^{ik} + 1)}^{(\mathbf{l_s} - \mathbf{l} + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\;)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; + Q22;}^{Q20;} \sum_{(n_{is} = \mathbf{n} + \Bbbk + Q8; - j_s + Q9;)}^{(n_i - j_s - Q23; + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\;)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^{s})! \cdot (\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \; Q044;$$

DİZİN

simetrinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.1.1.1.1/233

tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.1.1/190

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.1.1/324-325

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bağımsız durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.1.1.2.1/233

tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.2.1/190

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.2.1/324-325

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bağımsız durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.1.1.3.1/233

tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.3.1/190

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.3.1/324-325

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.1.6.1.1/3-4

tek kalan düzgün simetrik olasılık, 2.3.3.2.1.6.1.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.6.1.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.1.6.2.1/3-4

tek kalan düzgün simetrik olasılık, 2.3.3.2.1.6.2.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.6.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.1.6.3.1/3-4

tek kalan düzgün simetrik olasılık, 2.3.3.2.1.6.3.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.6.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.1.1.1.1/118

tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.1.1/80-81

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.1.1/165

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.1.1.2.1/118

tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.2.1/80-81

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.2.1/165

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.1.1.3.1/118

tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.3.1/80-81

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.3.1/165

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.1.1.1/4

tek kalan düzgün simetrik olasılık, 2.3.3.2.2.1.1.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.1.1.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.6.3.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.6.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.6.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.7.1.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.7.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.7.1.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.7.2.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.7.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.7.2.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.7.3.1/[illegible]
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.7.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.7.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.3.1.1.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.3.1.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.3.1.1.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.3.1.2.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.3.1.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.3.1.2.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.3.1.3.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.3.1.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.3.1.3.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.3.2.1.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.3.2.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.3.2.1.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.3.2.2.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.3.2.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.3.2.2.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.3.2.3.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.3.2.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.3.2.3.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin herhangi iki durumuna bağlı

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.5.2.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.8.1.1.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.1.1.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.8.1.2.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.1.2.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.8.1.3.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.1.3.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.8.2.1.1/11

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.2.1.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.8.2.2.1/11

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.2.2.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.8.2.3.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.2.1.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.1.1.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.6.1.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.1.1.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.1.2.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.6.1.2.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.1.2.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.1.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.6.1.3.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.1.3.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.2.1.1/6

tek kalan düzgün simetrik olasılık, 2.3.3.2.6.2.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.2.1.1/8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.7.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.6.7.3.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.7.3.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.1.1.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.1.1.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.1.2.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.1.2.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.1.3.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.1.3.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.2.1.1/11

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.2.1.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.2.2.1/11

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.2.2.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.2.3.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.2.3.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.4.1.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.4.1.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.4.2.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.4.2.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.4.3.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.4.3.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.6.1.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.6.1.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.2.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.4.1.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.4.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.4.1.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.4.2.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.4.2.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.4.2.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.4.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.4.3.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.4.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.6.1.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.6.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.6.1.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.6.2.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.6.2.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.6.2.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.6.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.6.3.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.6.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.7.1.1/7

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.7.1.1/[illegible]

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.7.1.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.7.2.1/7

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.7.2.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.7.2.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.7.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.7.3.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.7.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.1.1.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.6.3.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.7.1.1/15-16

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.7.1.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.7.2.1/15-16

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.7.2.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.7.3.1/9-10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.7.3.1/10

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.1.1.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.1.1.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.1.2.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.1.2.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.1.3.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.1.3.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.2.1.1/17

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.2.1.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.2.2.1/17

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.2.2.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.2.3.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.2.3.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.4.1.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.4.1.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.4.2.1/10

VDOİHİ'de Olasılık ve İhtimal konularının tanım ve eşitlikleri verilmektedir. Ayrıca VDOİHİ'de olasılık ve ihtimalin uygulama alanlarına da yer verilmektedir. VDOİHİ konu anlatım ciltleri ve soru, problem ve ispat çözümlerinden oluşmaktadır. Bu cilt bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz olasılık dağılımlardan, bağımsız olasılıklı durumla başlayıp ilk bağımlı durumu bağımlı olasılıklı dağılımın ilk bağımlı durumu hariç dağılımın başlayabileceği diğer bir bağımlı durum olan ve bağımsız olasılıklı durumla başlayan dağılımın aynı ilk bağımlı durumuyla başlayan dağılımlarda, simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı tek kalan düzgün olmayan simetrik olasılığın, tanım ve eşitliklerinden oluşmaktadır.

VDOİHİ Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı tek kalan düzgün olmayan simetrik olasılık kitabında, bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlardan, bağımsız olasılıklı durumla başlayıp ilk bağımlı durumu bağımlı olasılıklı dağılımın ilk bağımlı durumu hariç dağılımın başlayabileceği diğer bir bağımlı durum olan ve bağımsız olasılıklı durumla başlayan dağılımın aynı ilk bağımlı durumuyla başlayan dağılımlarda, simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı tek kalan düzgün olmayan simetrik olasılığın, tanım ve eşitlikleri verilmektedir.

VDOİHİ'nin diğer ciltlerinde olduğu gibi bu ciltte de verilen ana eşitlikler, olasılık tablolarından elde edilen verilerle üretilmiştir. Diğer eşitlikler ise ana eşitliklerden teorik yöntemle üretilmiştir. Eşitlik ve tabloların üretilmesinde dış kaynak kullanılmamıştır.