

VDOİHİ

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

Cilt 2.3.3.3.10.1.1.781

İsmail YILMAZ

Matematik / İstatistik / Olasılık

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VDOİHİ Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrisinin 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

İsmail YILMAZ

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Yılmaz, İsmail.

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Dili: Türkçe + Matematik Mantık



K. Atatürk

Türkiye Cumhuriyeti Devleti
Kuruluşunun
100. Yılı Anısına

DÜZELTME

Bu cilt için

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

simgesi yerine

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

simgesi olmalı.

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 deklaratif bilgi yapılarıyla birlikte matematik mantık yapıları üzerine çalışmalar yapmıştır. Yazarın farklı alanlarda yapmış olduğu çalışmalar arasında ölçme ve değerlendirmeye yönelik çalışmaları da mevcuttur.

VDOİHİ

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- ✓ Teorik kabullerle genetikle ilişkilendirilmiştir.
- ✓ Bilgi merkezli değerlendirme yöntemidir.

Sanırım bilgi ve teknolojideki kaderimiz veriyle ilişkilendirilmiş.

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GÜLDÜNYA

Simge ve Kısaltmalar

n : olay sayısı

n : bağımlı olay sayısı

m : bağımsız olay sayısı

l : bağımsız durum sayısı

L : simetrimin bağımsız durum sayısı

l : simetrimin bağımlı durumlarından önce bulunan bağımsız durum sayısı

L : simetrimin bağımlı durumlarından sonra bulunan bağımsız durum sayısı

k : simetrimin bağımlı durumları arasındaki bağımsız durumların sayısı

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

l : ilgilenilen bağımlı durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası

l : simetrimin ilk bağımlı durumunun, bağımlı olasılık farklı dizilimsiz dağılımın son olayı için sırası. Simetrimin sonuncu bağımlı olayındaki durumun, bağımlı olasılık farklı dizilimsiz dağılımlardaki sırası

l_i : simetrimin son bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası. Simetrimin birinci bağımlı olayındaki durumun, bağımlı olasılık farklı dizilimsiz dağılımlardaki sırası

l_s : simetrimin ilk bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz

dağılımlardaki sırası. Simetrimin sonuncu bağımlı olayındaki durumun, bağımlı olasılık farklı dizilimsiz dağılımlardaki sırası

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

l_{sa} : simetrimin aranacağı bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası. Simetrimin aranacağı bağımlı olayındaki durumun, bağımlı olasılık farklı dizilimsiz dağılımlardaki sırası

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

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

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

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

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

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

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

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

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

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

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

D : bağımlı durum sayısı

D_i : olayın durum sayısı

s : simetrinin bağımlı durum sayısı

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

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

${}_{fz}^0S_{j_i,0}^{DST}$: 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

${}_{fz}^0S_{j_i,D}^{DST}$: 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

$f_Z S_{j_s^{sa}}^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrisinin durumuna bağlı tek kalan simetrik olasılık

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$f_{Z,0} S_{j_s,j_i,0}^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı

durumlu bağımsız simetrisinin ilk ve son durumunun bulunabileceği olaylara göre tek kalan simetrik olasılık

$f_{Z,0} S_{j_s,j_i,D}^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrisinin ilk ve son durumunun bulunabileceği olaylara göre tek kalan simetrik olasılık

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durumunun bulunabileceği olaylara göre tek kalan simetrik olasılık

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durumlu bağımlı simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı tek kalan simetrik olasılık

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herhangi iki ve son durumuna bağlı tek kalan simetrik olasılık

$fz \overset{DSSST}{S}_{j_i}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrisinin son durumunun bulunabileceği olaylara göre tek kalan düzgün simetrik olasılık

$fz \overset{DSSST}{S}_{j_i,0}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrisinin son durumunun bulunabileceği olaylara göre tek kalan düzgün simetrik olasılık

$fz \overset{DSSST}{S}_{j_i,D}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrisinin son durumunun bulunabileceği olaylara göre tek kalan düzgün simetrik olasılık

${}^0 \overset{DSSST}{fz \Rightarrow} j_i$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız veya bağımlı-bağımsız durumlu simetrisinin son durumunun bulunabileceği olaylara göre tek kalan düzgün simetrik olasılık

${}^0 \overset{DSSST}{fz \Rightarrow} j_i,0$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız veya bağımlı-bağımsız durumlu bağımsız simetrisinin son durumunun bulunabileceği olaylara göre tek kalan düzgün simetrik olasılık

${}^0 \overset{DSSST}{fz \Rightarrow} j_i,D$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız veya bağımlı-bağımsız durumlu bağımlı simetrisinin son durumunun bulunabileceği olaylara göre tek kalan düzgün simetrik olasılık

$f_Z S_{j_s^{sa}}^{DSST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrisinin durumuna bağlı tek kalan düzgün simetrik olasılık

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$fzS_{j_{ik}, j^{sa}, D}^{DSST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu

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durumlu simetrisinin ilk herhangi iki ve 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

bu yüğe sıralanmasıyla elde edilebilen kurallı tablolar kullanılmaktadır. Farklı dizilimsiz dağılımlarda durumların küçükten-büyüğe sıralama için verilen eşitliklerde kullanılan durum sayısının düzenlenmesiyle, büyükten-küçüğe sıralama durumlarının eşitlikleri elde edilebilir.

Farklı dizilimli dağılımlar, dağılımın ilk durumuyla başlayan (bunun yerine farklı dizilimli dağılımlarda simetrisinin ilk durumuyla başlayan dağılımlar), dağılımın ilk durumu hariçinde dağılımın herhangi bir durumuyla başlayan dağılımlar (bunun yerine farklı dizilimli dağılımlarda simetride bulunmayan bir durumla başlayan dağılımlar) ve dağılımın ilk durumu hariçinde ilk dağılımının başladığı farklı ikinci durumla başlayıp simetrisinin 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 dağılım ve bir bağımsız olasılıklı durumla oluşturulabilen dağılımlara ve bağımlı olasılıklı dağılımların kendi olay sayısından (bağımlı olay sayısı) büyük olmasına (bağımlı olay sayısı) dağılımla bağımlı ve bir bağımsız olasılıklı dağılımlar elde edilir. Bağımlı dağılım farklı dizilimsiz dağılımlarda bulunduğu gibi, bu dağılımlara bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlar elde edilir. Bağımlı ve bir bağımsız olasılıklı dağılımlar; bağımlı dağılımlara, bağımsız durumlar ilk durumdan dağıtılmaya başlanarak tabloları elde edilir. Bu bölümde verilen eşitlikler, bu yöntemle elde edilen kurallı tablolara göre verilmektedir. Farklı dizilimsiz dağılımlarda durumların küçükten-

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 duruma başlayan ve bağımlı durumlarıyla başlayan dağılımlara göre de tanım eşitlikleri verilmektedir.

Farklı dizilimsiz dağılımlarda simetrinin durumlarının olasılık dağılımındaki sırasına göre 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 durumlarının bulunabileceği olaylara göre çıkarılan eşitlikler kullanılmaktadır. Bu eşitlikler, bir bağımlı ve bir bağımsız olasılıklı dağılımlar için VDO'nun Çizim 1'de çıkarılan eşitliklerle birleştirilerek, bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımların yeni eşitlikleri elde edilecektir. Eşitlikleri adlandırılmasında bağımlı olasılıklı farklı dizilimsiz dağılımlarda kullanılan adlandırmalar kullanılacaktır. Bu adların altına simetrinin bağımlı ve bağımsız durumlarına göre ve dağılımın bağımsız veya bağımlı duruma başlamasına göre "Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı/bağımsız-bağımlı/bağımlı-bir bağımsız/bağımlı-bağımsız/bağımsız-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 dağılımlardaki sırasına göre verilen eşitliklerdeki toplam ve sınırlı sınır değerleri, simetrinin küçükten-büyük 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 düzenleneren büyükten-küçüğe sıralanan dağılımlar için de simetrik olasılık eşitlikleri elde edilecektir.

Bu şekilde bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlardan, bağımsız olasılıklı duruma başlayıp ilk bağımlı durumu bağımlı olasılıklı dağılımın ilk bağımlı durumuyla başlayan dağılımın başlayabileceği diğer bir bağımlı durum olan ve bağımsız olasılıklı duruma 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 olasılık eşitlikleri verilmektedir.

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

$$D \geq n < n \wedge l \neq j_l \wedge l_i \leq D + s - n \wedge$$

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

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

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

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} = Q00; \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s+j_{sa}-1)}$$

$$\sum_{(n_i=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{is}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-k_1} = Q6;$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{n_{sa}+j^{sa}-j_i-k_3} = Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;$$

$$Q05; \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

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

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

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

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

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

$$\frac{(D - 1)!}{(n - l_j) \cdot (n - j_i)!} Q00;$$

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

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

$$Q6; \sum_{n_i=n_{is}+l_{ik}+Q8;-j_s+Q9;}^{-(j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

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

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

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

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

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

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

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q00;$$

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

$$\sum_{j_{ik}=j_s - l + 1}^{l_{ik} - l + 1} (j_{sa} = l_{ik} - l - j_{sa}^{ik} + 2) \cdot (n - j_s - j_{sa})$$

$$\sum_{n_i=Q7; (n_{is}=n+l_{ik}+Q8; -j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{k=n+l_{k2}+l_{k3}+Q8; -j_{ik}+Q9;}^{(n_i-j_s+1)} \sum_{k=0}^{+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_s=n+l_{k3}+Q8; -j_{sa}+Q9);}^{(n_s+n+l_{k3}+Q8; -j_{sa}+Q9);} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j_{sa}-j_i-l_{k3}} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

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

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

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

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

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

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

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

$$\text{Q20; } \sum_{n_i=Q7;+Q22; (n_{is}=n+Q8;+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{ik}=n_i+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n_i+j_s-j_{sa}-l_{k_2})}^{(n_{sa}+j_{sa}^{ik}-j_{sa}^{ik}+1)} \sum_{(n_{sa}+j_{sa}^{ik}-j_{sa}^{ik}-j_{sa}-l_{k_3})}$$

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

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

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

$$((D \geq n < n \wedge l_i \neq l_s \wedge l_i \leq D + n - n \wedge$$

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

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

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

$$(D \geq n < n \wedge l_i \neq l_s \wedge l_s \leq D - n + 1 \wedge$$

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

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

$$l_i - s + 1 > l_s \wedge$$

$$l_i \leq D + s - n)) \wedge$$

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & A1; S^{B1}; \\
 & fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \left(\sum_{k=1}^{j_{ik}-j_{sa}^{ik}+1} \sum_{i=2}^{j_{sa}-j_{sa}^{ik}+1} \right) \\
 & \sum_{i=Q6}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{s=Q7}^{j_{sa}-1} \sum_{j=Q8}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{k=Q9}^{j_{sa}-j_{sa}^{ik}+1} \\
 & \sum_{n_i=Q7}^{(n_i+1)} \sum_{n_{is}=n+k+Q8; -j_s}^{(n_{is}+j_s)} \sum_{n_{ik}=n_{sa}+k_3+Q8; -j_{ik}+Q9;} \\
 & \sum_{n_{sa}=n_{sa}+j_{sa}^{ik}-j_{sa}}^{(n_{ik}+j_{ik}-j_{sa}^{ik}-1)} \sum_{n_s=n_{sa}+j_{sa}^{ik}-j_i-k_3} \\
 & \sum_{n_s=n_{sa}+j_{sa}^{ik}-j_i-k_3}^{(n_{sa}+j_{sa}^{ik}-j_i-k_3)} Q05; \\
 & \sum_{n_s=n_{sa}+j_{sa}^{ik}-j_i-k_3}^{(n_{sa}+j_{sa}^{ik}-j_i-k_3)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa}^{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa}^{ik} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa}^{ik} - 1)! \cdot (n_{sa} + j_{sa}^{ik} - n_s - j_i - k_3)!} \cdot \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
 \end{aligned}$$

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

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

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

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

$$\sum_{n_i=Q7; (n_{sa}=n+k+Q8; -j_{sa}^{ik}+Q9)}^{(n_i - j_s + 1)}$$

$$\sum_{(n_{sa}=n+k_3+Q5; j_{sa}^{ik}+Q9)}^{(n_{sa}+1)}$$

$$\sum_{(n_{sa}=n+k_3+Q5; j_{sa}^{ik}+Q9)}^{(n_{sa}+1)}$$

$$\sum_{(n_{sa}=n+k_3+Q5; j_{sa}^{ik}+Q9)}^{(n_{sa}+1)}$$

$$\sum_{(n_{sa}=n+k_3+Q5; j_{sa}^{ik}+Q9)}^{(n_{sa}+1)}$$

$$\sum_{(n_{sa}=n+k_3+Q5; j_{sa}^{ik}+Q9)}^{(n_{sa}+1)}$$

$$\sum_{(n_{sa}=n+k_3+Q5; j_{sa}^{ik}+Q9)}^{(n_{sa}+1)}$$

$$\sum_{(n_{sa}=n+k_3+Q5; j_{sa}^{ik}+Q9)}^{(n_{sa}+1)}$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

$$\sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)}$$

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

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=n+k_2+k_3+Q4;-j_{ik}+Q9;}^{Q6; (n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_{ik}-k_3)} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

$$\frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

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

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

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

GÜLDÜZYA

$$\begin{aligned}
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-1+1} \\
 & \sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+}^{n_{is}+j_s-j_{ik}-l_{k_1}} \\
 & \sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \\
 & \frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!} \cdot \\
 & \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s+1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{ik}-l_{k_2}-1)!}{(j^{sa}-j_{ik}-j_s+1)! \cdot (n_{ik}+j_s-n_{sa}-j^{sa}-l_{k_2})!} \cdot \\
 & \frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_i+j^{sa}-1)! \cdot (n_i+j^{sa}-n_s-j_i-l_{k_3})!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \\
 & \frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}
 \end{aligned}$$

GÜLDENWA

$$\begin{aligned}
& \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} (l_{ik}+j_{sa}-l-j_{sa}^{ik}+1) \sum_{(j^{sa}=l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \\
& \sum_{n_i=Q_6}^{Q_6} (n_i-j_s+1) \sum_{(n_{is}=n+l_k+Q_8;-j_s+Q_9)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{(n_{ik}=n+l_{k_2}+l_{k_3}+Q_8;-j_{ik}+Q_9)} \\
& \sum_{(n_{sa}=n+l_{k_3}+Q_8;-j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{sa}+j^{sa}-j_i-l_{k_3})}^{Q_9} \\
& \frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!} \cdot \frac{(n_{is}-n_{ik}+1)!}{(j_{ik}-j_s+1)! \cdot (n_{is}+j_{ik}-n_{ik}-j_{ik})!} \\
& \frac{(n_{ik}-n_{sa}-l_{k_2}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_{k_2})!} \cdot \frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_i-j^{sa}-1)! \cdot (n_i+j^{sa}-n_s-j_i-l_{k_3})!} \\
& \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
& \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
& \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
& \sum_{k=1}^{(l_s-l+1)} \sum_{(j_s=2)}
\end{aligned}$$

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

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9);}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-l_{k_1}}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j_{sa}+Q9);}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{(n_{sa}+j_{sa}-j_i-l_{k_3})}^{(n_{sa}+j_{sa}-j_i-l_{k_3})} \sum_{Q8}^{Q8}$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - j_{sa} + 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_{sa} - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!}$$

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

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

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

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

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

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

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

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

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

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j_i-k_3}^{(j_i-k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!} \cdot \frac{(j_s - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!} \cdot \frac{(Q - I_j)!}{(n + j_i - n - I_j)! \cdot (n - j_i)!} \cdot Q044;$$

$D \geq n < n \wedge I \neq j_i \wedge I_i \leq D + s - n \wedge$

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

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

$I_{ik} - j_{sa}^{ik} + 1 = I_s \wedge I_{sa} + j_{sa}^{ik} - 1 > I_{ik} \wedge I_i - j_{sa} - s = I_{sa} \wedge$

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

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

$s: \{Q3; j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}^i, j_{sa}^s, Q4;\} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k_1 = k_2 + k_3 \Rightarrow$

$f_{z,C1;S}^{A1;B1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=n+l_k+l_{k_3}+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

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

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_{i_s} - n_s - 1)!}{(j_i - j_s - 1)! \cdot (n_{i_s} + j^{s_a} - j_i - l_{k_3})!}$$

$$Q000; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

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

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

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

$$Q000; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}$$

$$\sum_{j_{i_k}=j_{s_a}^{i_k}+1}^{l_{i_k}-l+1} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})}^{(\quad)} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$Q20; \sum_{n_i=Q7;+Q22;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})}^{(\quad)} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

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

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

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

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

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

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

$$\sum_{n_i=Q6; }^{Q6; } \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

$$\frac{(D - l - 1)!}{(l - 1)! \cdot (l - j_i)!} Q06;$$

$$Q \left(\sum_{i=1}^Q \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \right)$$

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

$$Q6; \sum_{n_i=n+l_{ik}+Q8;-j_s+Q9}^{(l-i+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1} n_{ik}=n+l_{ik}+k_2+k_3+Q8;-j_{ik}+Q9;$$

$$\sum_{(n_{sa}+j_{ik}-j^{sa}-k_2)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)}^{(n_{sa}+j^{sa}-j_i-k_3)} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

$$Q0; \sum_{k=1}^{l_{ik}} (j_s = j_{ik} - j_{sa}^{sa})$$

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

$$(n_i - j_i - Q23; +1)$$

$$(n_{sa} = n_{ik} + j_{ik} - j_{sa}^{sa} - l_{k2}) n_s = n_{sa} + j_{sa}^{sa} - j_i - l_{k3}$$

$$(n_s + j_i - j_s - s - Q31;)!$$

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

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

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

$$D > l_i \wedge n \wedge l \neq j_i \wedge l_i \leq D + s - n \wedge$$

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

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

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

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

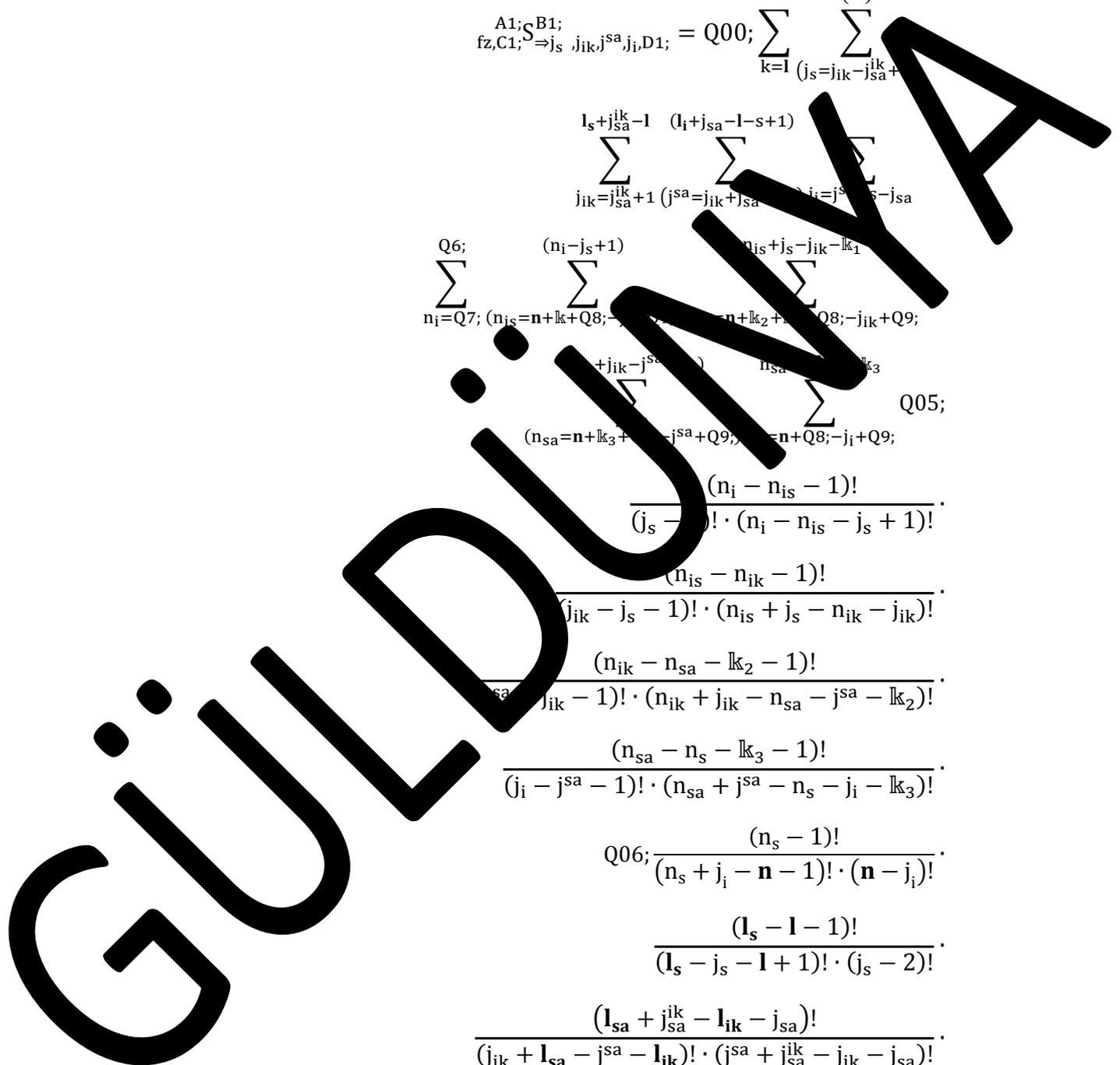
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \overset{A1; S^{B1};}{fz, C1; \Rightarrow} j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+)} \\
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{I_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa})}^{(I_i+j_{sa}-I-s+1)} \sum_{j_i=j_{sa}^{ik}-j_{sa}}^{(I_s+j_{sa}^{ik}-j_{sa})} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8; -)}^{Q6; (n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n+k_2+Q8;-j_{ik}+Q9;)}^{(n_{sa}=n+k_2+Q8;-j_{ik}+Q9;)} \\
 & \sum_{(n_{sa}=n+k_3+Q9;-j_{sa}+Q9;)}^{(n_{sa}=n+k_3+Q9;-j_{sa}+Q9;)} \sum_{(n_{sa}=n+k_3+Q9;-j_{sa}+Q9;)}^{(n_{sa}=n+k_3+Q9;-j_{sa}+Q9;)} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!} \\
 & \frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j_{sa} - I_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;
 \end{aligned}$$



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

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

$$Q20; \sum_{n_i=Q7;+Q22}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9)} n_{ik}=n_{is}-j_{ik}-k_1$$

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

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

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

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

$$D \geq n < n \wedge I \neq I_i \wedge I_i \leq I + s - n \wedge$$

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

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

$$I_{ik} - j_{sa}^{ik} + 1 \geq I_{sa} + j_{sa} - j_{sa} = I_{ik} \wedge I_i + j_{sa} - s = I_{sa} \wedge$$

$$D \geq 6 < n \wedge Q2; \wedge$$

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

$$s: \{Q2, j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s \leq n + Q5; \wedge$$

$$z = 2 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

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

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

$$\sum_{n_i=Q_6}^{Q_6; (n_i-j_s+1)} \sum_{(n_{is}=n+l_k+Q_8;-j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8;-j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8;-j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q_8+j^{sa}+Q_9}^{n_{sa}+j^{sa}-j_i-l_{k_3}}$$

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

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

$$\frac{(n_{ik}-n_{sa}-l_{k_2}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_{k_2})!}$$

$$\frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-l_{k_3})!}$$

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

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

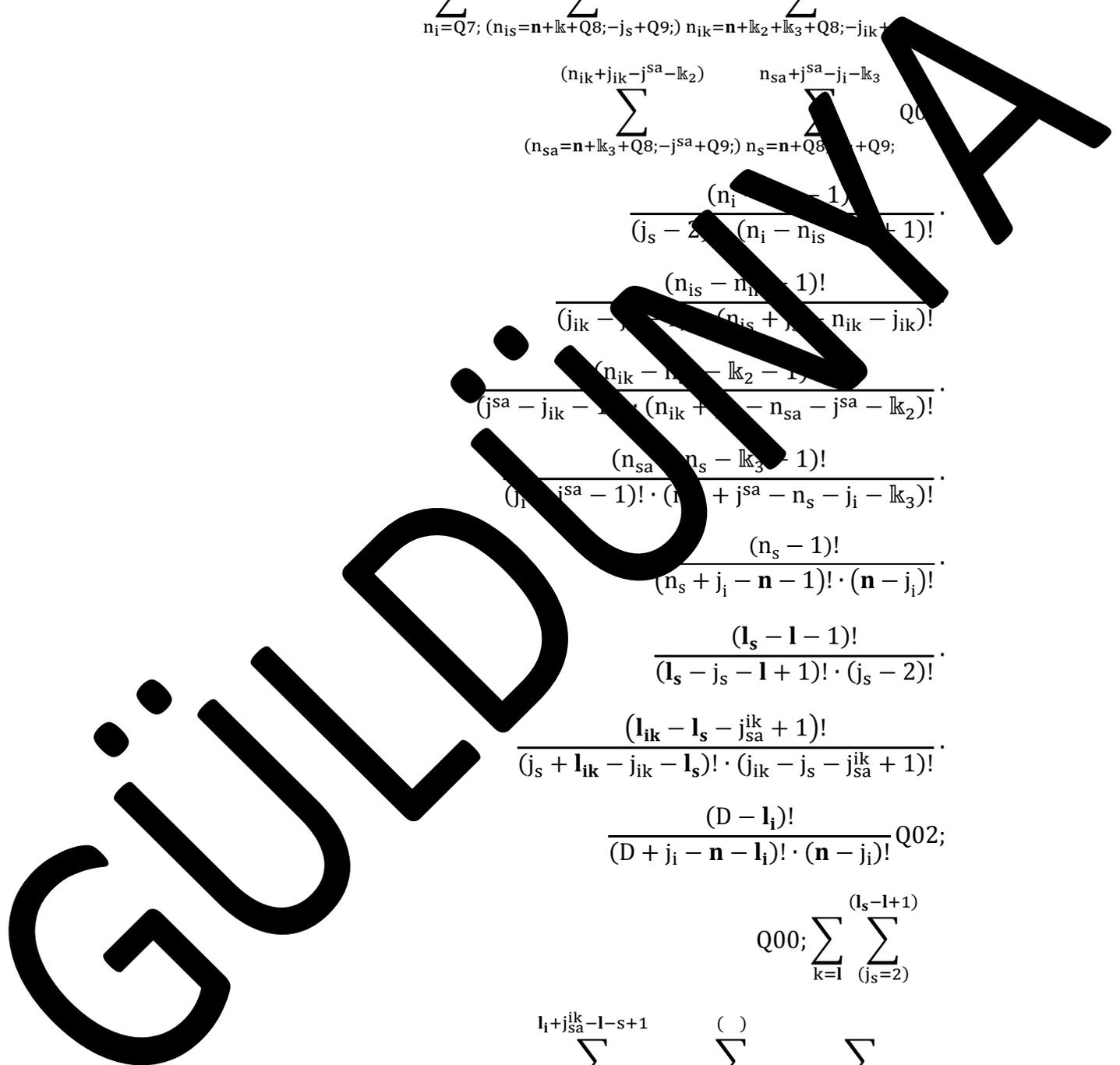
$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} Q_{02};$$

$$Q_{00}; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

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

$$\sum_{n_i=Q_6}^{Q_6; (n_i-j_s+1)} \sum_{(n_{is}=n+l_k+Q_8;-j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8;-j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$



$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_{k_2})!}$$

$$\frac{(n_{sa} - n_i - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

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

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

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

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

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

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

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+l_{k_3}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_{k_3}}$$

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

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

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

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

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

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

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

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

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

$$s: \{Q3; j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i\} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

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

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

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \text{ Q05;}$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

$$\frac{(D - j_i - l)!}{(D - j_i - l)! \cdot (n - j_i)!} Q07;$$

$$Q08; \left(\sum_{j_{ik}=1}^{j_s} \sum_{j_{sa}=1}^{j_{ik}-j_{sa}^{ik}+1} \right)$$

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

$$Q6; \sum_{n_i=Q8}^{n_i+Q8} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_i+Q9}^{n_{is}+j_s-j_{ik}-k_1} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8; -j_i+Q9)}^{(n_{sa}+j^{sa}-j_i-k_3)} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

$$Q0; \sum_{k=1}^{j_s} \sum_{j_s=j_{ik}-j_{sa}^{ik}}$$

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

$$Q0; (n_i - j_{sa}^{ik} - 23; +1) \sum_{j_i=n+lk+Q8; +Q9; n_{ik}=n_{is}+j_s-j_{ik}-lk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{ik}-lk_2)} \sum_{n_s=n_{sa}+j_{sa}^{ik}-j_i-lk_3}$$

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

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

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

$$D > n < n \wedge l \neq l_i \wedge l_i \leq D + s - n \wedge$$

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

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

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

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \text{A1; S B1; } \\
 & \text{fz, C1; } \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \left(\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{(j_{ik} - j_{sa}^{ik} + 1)} \right) \\
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s + j_{sa}^{ik} - 1} \sum_{(j_{sa}=j_{ik} + j_{sa} - j_{sa}^{sa})}^{(j_{sa} - j_{sa}^{sa})} \sum_{(j_{sa} - j_{sa}^{sa})}^{(j_{sa} - j_{sa}^{sa})} \\
 & \sum_{n_i=Q7; (n_i=n+k+Q8; -j_s - Q9;)}^{Q6; (n_i - j_s + 1)} \sum_{(n_i - j_s + 1)}^{(n_i - j_s + 1)} \sum_{(n_i - j_s + 1)}^{(n_i - j_s + 1)} \\
 & \sum_{(n_{sa}=n+k_3+Q9; -j_{sa}+Q9;)}^{(n_{sa}=n+k_3+Q9; -j_{sa}+Q9;)} \sum_{(n_{sa}=n+k_3+Q9; -j_{sa}+Q9;)}^{(n_{sa}=n+k_3+Q9; -j_{sa}+Q9;)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa}^{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa}^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +
 \end{aligned}$$

$$\sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}$$

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

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1} \sum_{j_{ik}=Q9;}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_{ik}-k_3)}^{(n_{sa}+j^{sa}-j_{ik}-k_3)} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

$$\frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

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

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

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

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$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{iS}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{iK}=n+l_k+l_{k3}+Q8;-j_{iK}+Q9;)}^{n_{iS}+j_s-j_{iK}-l_{k1}}$$

$$\sum_{(n_{sa}=n+l_{k3}+Q8;-j^{sa}+Q9;)}^{(n_{iK}+j_{iK}-j^{sa}-l_{k2})} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-l_{k3}} \quad Q05;$$

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

$$\frac{(n_{iS} - n_{iK} - 1)!}{(j_{iK} - j_s - 1)! \cdot (n_{iS} - n_{iK} - j_{iK})!}$$

$$\frac{(n_{iK} - n_{sa} - 1)!}{(j^{sa} - j_{iK} - 1)! \cdot (n_{iK} + j_{iK} - n_{sa} - j^{sa} - l_{k2})!}$$

$$\frac{(n_s - n_i - 1)!}{(j_i - 1)! \cdot (n_s + j_i - l_{k3})!}$$

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

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

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

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

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

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

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

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{iS}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{iK}=n+l_k+l_{k3}+Q8;-j_{iK}+Q9;)}^{n_{iS}+j_s-j_{iK}-l_{k1}}$$

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$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_{k_2})!}$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

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

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

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

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

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

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

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

$$Q20; \sum_{n_i=Q_7;+Q_{22}}^{(n_i-j_s-Q_{23};+1)} \sum_{(n_{is}=n+l_k+Q_8;-j_s+Q_9)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

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

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

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

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

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

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

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

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

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

$$Q6; \sum_{(n_{is} = n + k + Q8; -j_s + Q9)}^{(n_i - j_s + 1)} \sum_{(n_{ik} = n + k_2 + k_3 + Q8; -j_{ik} + Q9)}^{n_{is} + j_s - j_{ik} - k_1}$$

$$\sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{(n_s = n + Q8; -j_i + Q9)}^{n_{sa} + j^{sa} - j_i - k_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

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

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

$$\sum_{n_i=Q7;+Q8}^{()} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9)}^{()} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k1}}^{()}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-l_{k2})}^{()} \sum_{n_s=n_{sa}+j_{sa}-j_i-l_{k3}}^{()}$$

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

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

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

$$n \wedge l \neq j_i \wedge l_i \leq D + s - n \wedge$$

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

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

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

$$(D \geq n < n \wedge l \neq j_l \wedge l_s \leq D - n + 1 \wedge$$

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

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

$$l_i - s + 1 > l_s \wedge$$

$$l_i \leq D + s - n) \wedge$$

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{matrix} A1; S B1; \\ C1; S \Rightarrow j_s, j_{ik}, j_{sa}^{ik}, j_{sa}^i; \end{matrix} = Q6 \left(\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{ik}+j_{sa}^{ik}-1} \sum_{(j_{sa}^s-1+1)} \sum_{(j_i=j_{sa}^s+s-j_{sa})} \sum_{(n_i=n+k+Q8;-j_s+Q9;)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{(n_{sa}+j^{sa}-j_i-k_3)} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

$$\frac{(n - l - 1)!}{(D + j_i - n - l)! \cdot (n - j_i)!} +$$

$$\sum_{k=0}^{l_s - l + 1} \sum_{j_s=2}^{n - l + 1 - k}$$

$$\sum_{l_{ik}=0}^{l_{ik}} \sum_{j_{ik}=0}^{n - l + 1 - l_{ik}}$$

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

$$\sum_{n_i=Q7; (n_{is}=n+l_{ik}+Q8; -j_s+Q9;)} \sum_{n_{ik}=n+l_{k2}+l_{k3}+Q8; -j_{ik}+Q9;}$$

$$\sum_{n_{ik}+j_{ik}-j_{sa}^{ik}-l_{k2}} \sum_{n_{sa}+j_{sa}^{ik}-j_i-l_{k3}} Q05; (n_{sa}=n+l_{k3}+Q8; -j_{sa}^{ik}+Q9;) \quad n_s = n+Q8; -j_i+Q9;$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa}^{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa}^{ik} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa}^{ik} - 1)! \cdot (n_{sa} + j_{sa}^{ik} - n_s - j_i - l_{k3})!}$$

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

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

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

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

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

$$Q00; \left(\sum_{k=1}^{l_{ik} - j_{sa}^{ik} + 1} \sum_{s=2}^{l_{ik} - j_{sa}^{ik} + 1} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{j_{sa}^{ik}=j_{sa}^{ik}+1}^{(l_{sa}-j_{sa}^{ik})} \sum_{j_{sa}^{ik}=j_{sa}^{ik}+1}^{l_i-1-j_{sa}^{ik}} \sum_{n_{ik}=n_{sa}+j_{sa}^{ik}-j_{ik}+1}^{n_{is}+j_s} \sum_{n_i=Q7}^{Q6} \sum_{n_{is}=n+l_k+Q8; -j_s+Q9}^{(n_{is}+1)} \sum_{n_{ik}=n_{sa}+l_k+Q8; -j_{ik}+Q9}^{(n_{ik}+j_{ik}-j_{sa}^{ik}-1)} \sum_{n_{sa}=n_{sa}+j_{sa}^{ik}-j_i-l_k}^{n_{sa}+j_{sa}^{ik}-j_i-l_k} \sum_{n_s=n+l_k+Q8; -j_i+Q9}^{Q05}$$

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

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

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

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

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

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

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

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

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

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

$$\sum_{k=1}^{(l_s-1+1)} \sum_{s=2}^{l_s}$$

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

$$\sum_{n_i=Q_7; (n_{is}=n+k+Q_8; \dots +Q_9); n_{ik} \dots +k_2+k_3+Q_8; -j_{ik}+Q_9}^{Q_6; (n_i-j_s+1) \dots +k_1}$$

$$\sum_{(n_{sa} \dots +k_3+Q_8; -j_i \dots +Q_9)}^{(n_{ik}+j_{ik}-j_i-k_2)} \sum_{(j_{sa}+j_{sa}-j_i-k_3)}^{(l_s-1+1)} \dots Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

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

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

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)}$$

$$Q20; \sum_{n_i=Q7-Q22; (n_{is}=n+Q8; j_s=j_s)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{ik}=j_s-j_{ik}-k_1)}^{(\cdot)}$$

$$\sum_{(n_{sa}=n_{ik}-j^{sa}-k_2; n_{sa}=n_{sa}+j^{sa}-j_i-k_3)}^{(\cdot)} \sum_{(n_{sa}=n_{ik}-j^{sa}-k_2; n_{sa}=n_{sa}+j^{sa}-j_i-k_3)}^{(\cdot)}$$

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

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

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

$$D \geq n < n \wedge l_i \neq 1 \wedge l_i \leq \dots + s \wedge$$

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

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

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

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(I_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$$

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

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)} \sum_{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-l_{k1}} n_{ik}=n+l_k+l_3+Q4; -j_{ik}+Q9;$$

$$Q05; \sum_{(n_{sa}=n+l_k+l_3+Q8; -j_{sa}+Q9;)} \sum_{(n_{sa}-j_{sa}-l_{k2})} \sum_{(n_{sa}-j_{sa}-l_{k2})} \sum_{(n_{sa}-j_{sa}-l_{k2})} \sum_{(n_{sa}-j_{sa}-l_{k2})}$$

$$\frac{(n_s - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{sa} + j_s + 1)!}$$

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

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

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

$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j_{sa} - I_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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

$$Q000; \sum_{k=1}^{(I_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$$

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

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s)!} \cdot \frac{(l_s - 1 - j_s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$D \geq n < n \wedge l \neq j_i \wedge l_i \leq D + s - n \wedge$

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

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

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

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

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

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}, \dots, k_3, j_i, Q4;\}$

$s \geq 6 \wedge s = j_i + Q5;\wedge$

$k_z: z = 3 \wedge k = n + k_2 + j_{sa} \Rightarrow$

$\overset{A1;S^B1;}{fz,C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1;} = Q00; \left(\sum_{k=1}^{(l_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)} \right)$

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

$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+l_3+Q_8;-j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_2)} \sum_{(n_{sa}+j^{sa}-j_i-l_3)}^{n_{sa}+j^{sa}-j_i-l_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_2)!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - l_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_3)!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_s + j_s - n - l_1) \cdot (n - j_i)!} \cdot$$

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

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

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

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

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

$$\sum_{n_i=Q_7; (n_{is}=n+l+Q_8;-j_s+Q_9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+l_2+l_3+Q_8;-j_{ik}+Q_9)}^{n_{is}+j_s-j_{ik}-l_1}$$

$$\sum_{(n_{sa}=n+l_3+Q_8;-j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_2)} \sum_{(n_{sa}+j^{sa}-j_i-l_3)}^{n_{sa}+j^{sa}-j_i-l_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - 1)!}$$

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

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

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

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

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

Q000; $\sum_{k=1}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}$

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

Q20; $\sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_i-j_s-Q23;+1)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

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

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

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

GUIDANCE

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

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

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

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

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \sum_{(j_s+j_{sa}^{ik}-1)}^{(j_s+j_{sa}^{ik}-1)} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(j_i=j^{sa}+s-j_{sa})} \sum_{(n_{is}=n+Q8;-j_s+Q9)}^{(n_{is}=n+Q8;-j_s+Q9)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)} \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_s=n+Q8;-j_i+Q9)} \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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

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

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

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

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

$$Q000; \sum_{(n_i=j_s+Q23;+)} \sum_{(n_i=Q7;+Q22; (n_{is}=+Q8;-j_s))} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{sa}^{sa}-k_2)} \sum_{n_s=n_{sa}+j_{sa}^{sa}-j_i-k_3}$$

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

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

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

$$D \geq n \wedge l \neq i \wedge l \leq D + s - n \wedge$$

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

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

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

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$lk_z: z = 3 \wedge lk = lk_1 + lk_2 + lk_3 \Rightarrow$$

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

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

$$\sum_{n_i=Q7; (n_{is}=n+lk+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+lk_2}^{(n_{is}+j_s-j_i)lk_1} \sum_{(n_{sa}=n+lk_3)}^{(n_{sa}+j^{sa}-j_i-lk_3)}$$

$$\sum_{(n_{sa}=n+lk_3)}^{(n_{ik}+j_{ik}-j^{sa}-lk_2)} \sum_{(n_s=n+lk_3;-j_i+Q9;)}^{(n_{sa}+j^{sa}-j_i-lk_3)}$$

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

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

$$\frac{(n_{ik} - n_{sa} - lk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - lk_2)!}$$

$$\frac{(n_{sa} - n_s - lk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - lk_3)!}$$

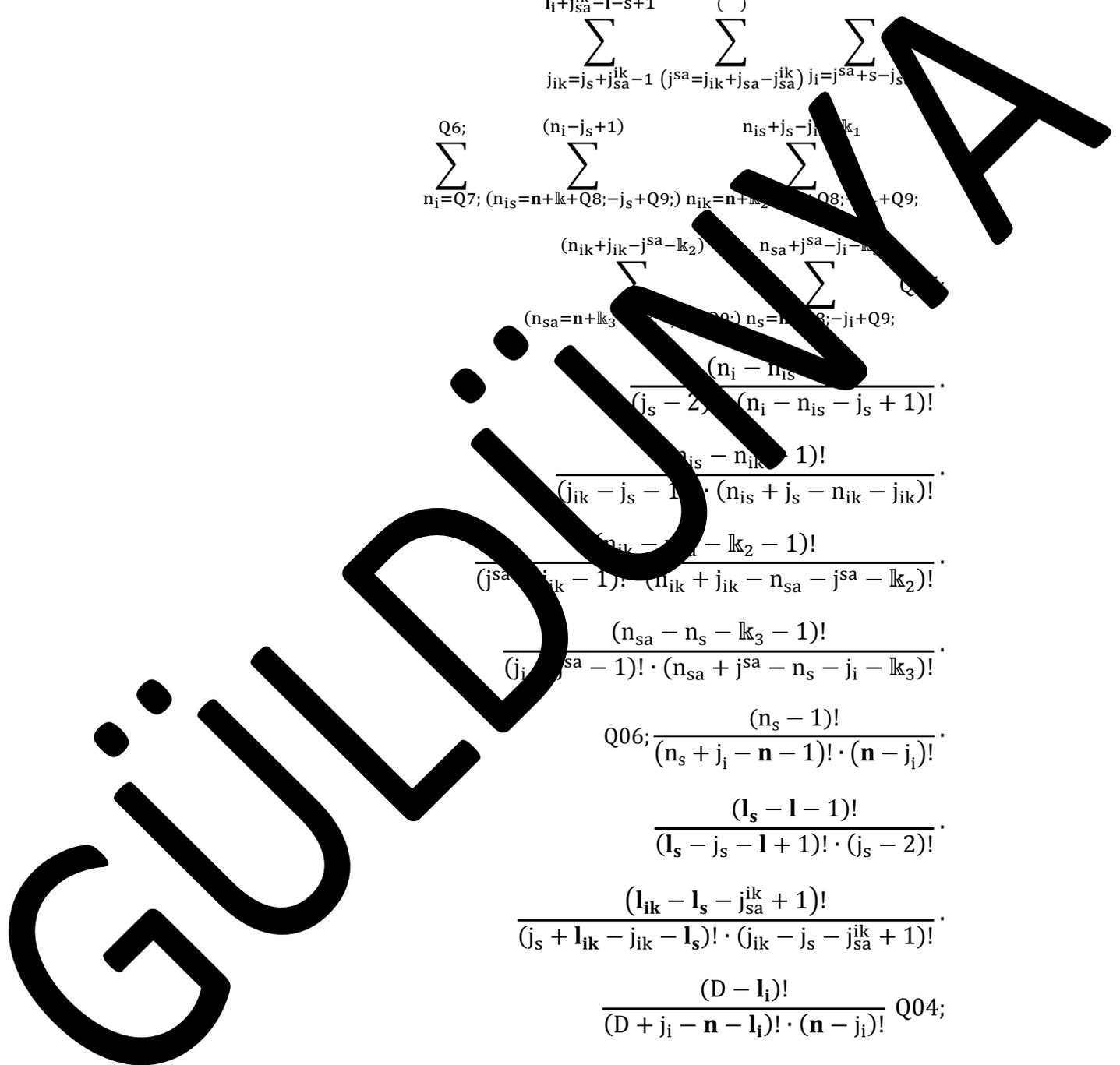
$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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

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

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

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



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

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

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

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

$$\frac{(Q - l_j)!}{(n + j_i - n - l_j)! \cdot (n - j_i)!} \quad Q044;$$

$D \geq n < n \wedge l \neq j_i \wedge l_i \leq D + s - n \wedge$

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

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

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

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

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

$s: \{Q3; j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}^i, Q4;\} \wedge$

$\geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k_z = k_2 + k_3 \Rightarrow$

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

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

$$\sum_{n_i=Q_6}^{Q_6} \sum_{(n_{i_s}=n+l_k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=n+l_{k_2}+l_{k_3}+Q_8; -j_{i_k}+Q_9)}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q_8; -j^{s_a}+Q_9)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q_8; -j_i+Q_9}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

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

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_s - n_{i_s} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{s_a} - j_i - l_{k_3})!}$$

$$Q00 \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

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

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{i_k} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

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

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

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

$$\sum_{n_i=Q_6}^{Q_6} \sum_{(n_{i_s}=n+l_k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=n+l_{k_2}+l_{k_3}+Q_8; -j_{i_k}+Q_9)}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q_8; -j^{s_a}+Q_9)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q_8; -j_i+Q_9}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

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

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

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

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

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

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

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

$$Q20; \sum_{n_i=Q7;+Q22} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \frac{(n_i - j_s - Q23; +1)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\begin{aligned}
 & \sum_{n_i=Q7; (n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9);} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9)} \sum_{(j_s=2)}^{(i_s-1+1)} \sum_{(j_i=j_s+j_{sa}^{ik}-1)}^{(i_s-1+1)} \sum_{(j_i=j_s+j_{sa}^{ik}-1)}^{(i_s-1+1)} = Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!} \\
 & \sum_{(n_{is}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{ik}+Q9)} \sum_{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{(n_{sa}+j^{sa}-j_i-\mathbb{k}_3)} \sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9)} \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9)} Q05;
 \end{aligned}$$

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

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q00;$$

$$Q00; \left(\sum_{k=1}^{l_i-1+1} (j_s - k) \right)$$

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

$$\sum_{n=Q6; (n_{is}=n+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9);}^{(n_i-j_s+1)} \sum_{(n_{sa}+j_{sa}-j_i-l_{k_3})}^{(n_i-j_s+1)}$$

$$\sum_{(n_{ik}=n+l_{k_3}+Q8;-j_{sa}+Q9);}^{(n_i-j_s+1)} \sum_{(n_s=n+Q8;-j_i+Q9);}^{(n_{sa}+j_{sa}-j_i-l_{k_3})} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!}$$

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

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

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

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

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

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

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

$$Q20; \sum_{n_i=Q7;+Q22; (n_{i_s}=n_i-Q23;+1)} \sum_{(n_i-j_s-Q23;+1)} \sum_{(n_{i_k}=n_i-Q23;+1)} \sum_{(j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n_i-j_{ik}-j_{sa}-k_1)} \sum_{(n_{sa}=n_i-j_{sa}-j_i-k_3)}$$

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

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

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

$$D \geq n < n \wedge l_i \leq l \wedge l_i \leq l + s - 1$$

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

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

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

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

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

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

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q4;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-j_{ik}-k_3)}^{(n_{is}+j_s-j_{ik}-k_1)} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

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

GÜLDENYA

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

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

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

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

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

$$\left((D \geq n < n \wedge l \neq j_i \wedge l_i \leq D + s - n) \right)$$

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

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

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

$$(D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + j_s)$$

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

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

$$j_s - s + j_{sa}^{ik} \leq l_s \wedge$$

$$l_i \leq D + s - n,$$

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_z, C1; S \Rightarrow j_s, j_{ik} j_{sa}^{j_i}, j_i, D1; = Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$$

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

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_3+Q4; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{(n_{is}-j_{ik}-l_{k_3})} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

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

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

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

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

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

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

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

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j_{sa}+Q9);}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{n_s=n+Q8+l_{k_3}+Q9}^{(n_{sa}+j_{sa}-j_i-l_{k_3})}$$

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

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

$$\frac{(n_{ik} - n_i - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_i + j_{sa} - n_s - j_i - l_{k_3})!}$$

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

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

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

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

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

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

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

GÜLDÜZMİNAR

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

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

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

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

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

$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1$
 $2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} - 1 \wedge$
 $1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{sa} + j_{sa} - j_{sa} \wedge$
 $j_{sa} = j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$
 $l_{ik} - j_{ik} + 1 = l_s + j_{sa}^{ik} - j_{sa} > 0 \wedge j_{sa} - s = l_{sa} \wedge$
 $D - s - n < D + l_{ik} + s - n - j_{sa}^{ik} \wedge$
 $D \geq n < n \wedge Q2;$
 $j_{sa} < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa}^{ik} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$
 $s: \{Q3; j_{sa}^s, k_1, k_2, j_{sa}, \dots, k_3, j_{sa}, Q4;\} \wedge$
 $s \leq 6 \wedge s \leq s + Q5; \wedge$
 $k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$$f_{z,C1; \Rightarrow j_s}^{A1; S^{B1}; j_{ik}, j_{sa}, j_i, D1;} = Q00; \sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

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

$$\sum_{n_i=Q_6; (n_{is}=n+l_k+Q_8; -j_s+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{n_s=n+Q_8+Q_9}^{n_{sa}+j_{sa}-j_i-l_{k_3}}$$

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

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

$$\frac{(n_{ik}-n_{sa}-l_{k_2}-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-l_{k_2})!}$$

$$\frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_i-j_{sa}-1)! \cdot (n_i+j_{sa}-n_s-j_i-l_{k_3})!}$$

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

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

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

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} Q_{02};$$

$$Q_{00}; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

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

$$\sum_{n_i=Q_6; (n_{is}=n+l_k+Q_8; -j_s+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

GÜLDÜZİN

$$\sum_{(n_{sa}=n+l_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_3} \text{Q05;}$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_2)!}$$

$$\frac{(n_{sa} - n_{sa} - l_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - l_1) \cdot (n - j_i)!}$$

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

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

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

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

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

$$\text{Q20; } \sum_{n_i=Q7;+Q22; (n_{is}=n+l+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_3}$$

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

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq i - 1 \wedge$$

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

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

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

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, \dots\} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{fz, C1; A1; S} j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

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

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6;} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-k_3} \text{ Q05;}$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

$$\frac{(D - l_i)!}{(n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q20; \sum_{i=1}^{()} \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{()}$$

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

$$Q20; \sum_{i=1}^{(n_i-j_s-Q23;+1)} \sum_{j_s=n+l+Q8;-j_s+Q9}^{()} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}^{()}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}^{()}$$

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

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

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

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

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

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
& \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}^{ik}-j_{sa}} \sum_{j_i=l_i+n-D}^{l_{ik}+s-1-j_{sa}^{ik}+1} \sum_{j_{sa}=j_i+j_{sa}-s}^{(n_s - n_{is} - 1)!} \sum_{j_{sa}^{ik}+1}^{(n_{is} - n_{ik} - 1)!} \\
& \sum_{j_{sa}^{ik}+1}^{(n_{is} - n_{ik} - 1)!} \sum_{j_i=l_i+n-D}^{(n_{is} - n_{ik} - 1)!} \sum_{j_{sa}=j_i+j_{sa}-s}^{(n_{is} - n_{ik} - 1)!} \sum_{j_{sa}^{ik}+1}^{(n_{is} - n_{ik} - 1)!} \\
& \sum_{n_i=Q7; (n_{is}-l_k+Q8;-j_s+Q9); n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;} \sum_{n_{is}+j_s-j_{ik}-k_1}^{(n_{is} - n_{ik} - 1)!} \\
& \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9); n_s=n+Q8;-j_i+Q9;} \sum_{n_{sa}+j^{sa}-j_i-k_3}^{(n_{sa} - n_s - k_3 - 1)!} \sum_{Q05; (n_{sa} - n_s - k_3 - 1)!} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
& Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}
\end{aligned}$$

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

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

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

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

$$\sum_{n_i=Q7; (n_i=n+l_k+Q8; -j_{sa}^{ik}+Q9)}^{Q6; (n_i-j_s+1)} \sum_{(j_{sa}^{ik}+j_s-j_{ik}-k_1)} \sum_{(j_{sa}^{ik}+k_2+k_3+Q8; -j_{ik}+Q9)}$$

$$\sum_{(n_{sa}=n+k_3+Q8; j_{sa}^{ik}+Q9)} \sum_{(n+Q8; -j_i+Q9)} \sum_{(n_{sa}+j_s)} \sum_{(n_{sa}+j_s)} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa}^{ik} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa}^{ik} - 1)! \cdot (n_{sa} + j_{sa}^{ik} - n_s - j_i - k_3)!}$$

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

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

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

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

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

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

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-n_s-j_i-k_3)}^{(n_{sa}-j_{sa}-n_s-j_i-k_3)} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

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

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

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_s+Q9;}^{n_{sa}+j^{sa}-j_i-k_3}$$

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

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

$$\frac{(n_{ik} - n_{ik} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_s - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i + j^{sa} - 1)! \cdot (n_i + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

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

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

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$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+l_k+l_{k_3}+Q8;-j_{ik}+Q9;)}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_s - n_{sa} - 1)!}{(j_i - 1)! \cdot (n_s + j_i - n_{sa} - l_{k_3})!}$$

$$Q04; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

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

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

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

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

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

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

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1})}$$

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$$\frac{\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \binom{()}{(n_s + j_i - j_s - s - Q31;)!} \cdot \binom{()}{(n + j_{sa}^s - j_s - s)!}}{\binom{()}{(n_s - j_s - l + 1)!} \cdot \binom{()}{(j_s - s)!}} \cdot \frac{(l_s - l - 1)!}{(D + j_i - n - l_i)! \cdot (n - s)!} \cdot Q044$$

$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$

$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$

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

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

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

$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$

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

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

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \}$

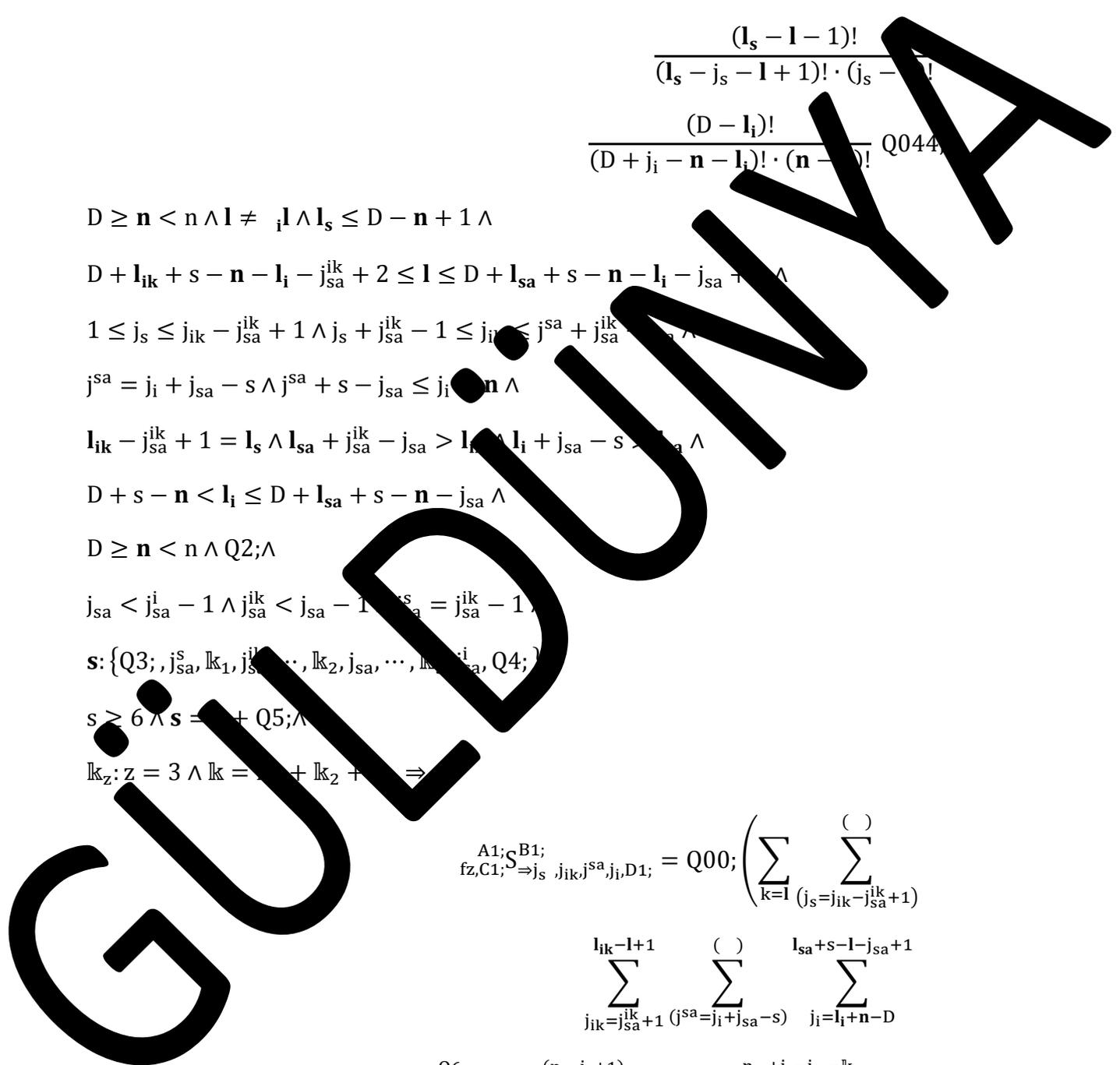
$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + \dots \Rightarrow$

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

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

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6;} \sum_{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}$



$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_{k_2})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_s - n - j_i - l_{k_3})! \cdot (n - j_i)!} \cdot$$

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

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

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

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

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

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9;)}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

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

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

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

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

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

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

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

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q07;$$

$$Q08; \sum_{i=1}^{j_s} \sum_{j_i=j_{ik}-j_{sa}^{ik}+1}^{j_s} (j_s - j_i - j_{sa}^{ik} + 1)$$

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

$$Q20; \sum_{i=1}^{(n_i-j_s-Q23)+1} \sum_{(n_{is}=n+k+Q8;-j_s+Q9)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

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

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq i - 1 \wedge$$

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

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

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

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}$$

$$\sum_{n_{sa}=n+k_3+Q8;-j^{sa}+Q9;}$$

$$\sum_{n_s=n+Q8;-j_i+Q9;}$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

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

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

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

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

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

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

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{(\cdot)} \sum_{(j_{sa}=j_i+j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=l_i+n-D}^{(\cdot)}$$

$$Q001; \sum_{(n_i=j_{sa}^{ik}+1)}^{(\cdot)} \sum_{(n_{is}=n_{is}+j_{sa}^{ik}-j_{sa}^{ik}-l_{ik})}^{(\cdot)} \sum_{n_{ik}=n_{is}+j_{sa}^{ik}-j_{ik}-l_{ik_1}}^{(\cdot)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{sa}^{ik}-l_{ik_2})}^{(\cdot)} \sum_{n_s=n_{sa}+j_{sa}^{ik}-j_i-l_{ik_3}}^{(\cdot)}$$

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

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

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

$$D \geq n < n \wedge l \neq l_i \wedge l_i \leq D - n + 1 \wedge$$

$$2 \leq l < D + l_{ik} - l_i - j_{sa}^{ik} + 1 \wedge$$

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

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

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

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

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

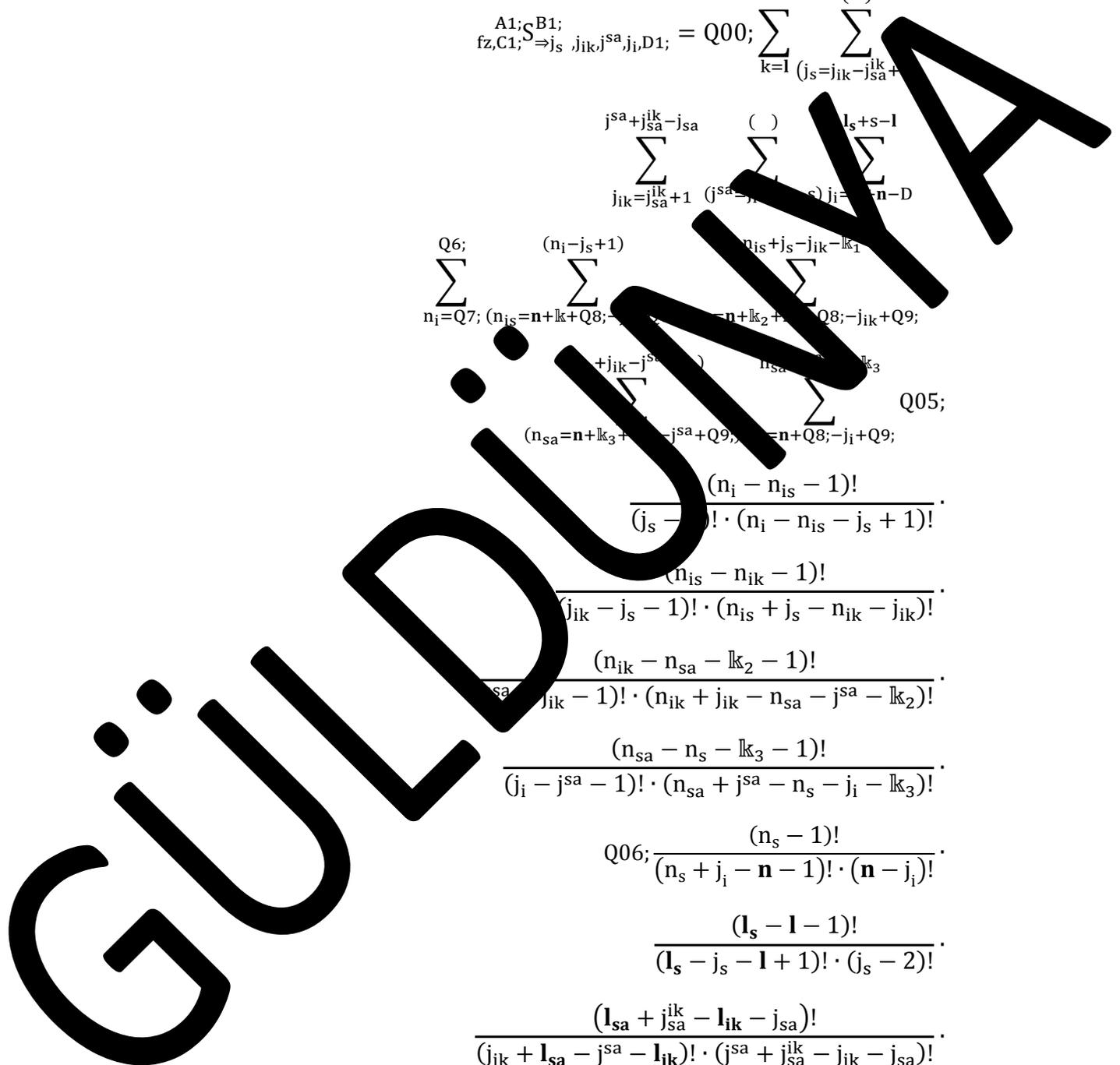
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \overset{A1; S^{B1};}{fz, C1; \Rightarrow} j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+)}^{()} \\
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}^{ik}=)}^{()} \sum_{j_i=n-D}^{l_s+s-1} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;)}^{Q6; (n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n+k_2+)}^{(n+k_2+)} \sum_{(n+Q8;-j_{ik}+Q9;)}^{(n+Q8;-j_{ik}+Q9;)} \\
 & \sum_{(n_{sa}=n+k_3+)}^{(n_{sa}=n+k_3+)} \sum_{(j_{sa}^{ik}-j_{sa}^{ik})}^{(j_{sa}^{ik}-j_{sa}^{ik})} \sum_{(n_{sa}+k_3)}^{(n_{sa}+k_3)} \sum_{(n+Q8;-j_i+Q9;)}^{(n+Q8;-j_i+Q9;)} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \cdot \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;
 \end{aligned}$$



$$Q00; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

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

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_3}+Q8; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{(n_{sa}-j_{ik}-l_{k_2})} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{sa} + j^{sa} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

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

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

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

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

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

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

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_2}^{()} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_{sa}^s)!}{(l_s - j_s - 1)! \cdot (l_s - 2)!} \cdot \frac{(D + l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq l_i - 1 \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} \wedge j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} \wedge D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge D \geq n < n \wedge Q2, j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}, j_{sa}^{ik}, j_{sa}, Q4; \} \wedge s \geq 6 \wedge s = s + Q5; \wedge k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{fz,C1; \Rightarrow j_s}^{A1;S^B1;} \sum_{j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_i-1+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=n+l_{k_2}+l_{k_3}+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

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

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_s - n_{i_s} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{s_a} - j_i - l_{k_3})!}$$

$$Q000; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

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

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{i_k} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

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

$$Q000; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}^{(\quad)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}}^{(\quad)} \sum_{(j^{s_a}=j_i+j_{s_a}-s)}^{(\quad)} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1})}$$

$$\sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})}^{(\quad)} \sum_{(n_s=n_{s_a}+j^{s_a}-j_i-l_{k_3})}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

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

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

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

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

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

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

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^s, k_3, j_{sa}^s, k_4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 =$

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

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

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

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

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

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

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

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

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

$$Q04; \sum_{n_i=j_i}^{(n_i - j_s + 1)} \sum_{(n_{is}=n + k + Q8; -j_s + Q9)}^{n_{is} + j_s - j_{ik} - k_1} \sum_{n_{ik}=n + k_2 + k_3 + Q8; -j_{ik} + Q9}$$

$$\sum_{(n_{sa}=n + k_3 + Q8; -j^{sa} + Q9)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{n_s=n + Q8; -j_i + Q9}^{n_{sa} + j^{sa} - j_i - k_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

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

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

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

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

$$Q00; \sum_{k=1}^{l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik})}^{l_i-k}$$

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

$$Q20; \sum_{(n_i=n+k+Q8)}^{(n_i=Q23+1)} \sum_{(n_i=Q7+Q)}^{(n_i=Q7+Q)} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(n_{is}=n+k+Q8)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)}^{(n_{sa}=n+k+Q8)} \sum_{(n_s=n_{sa}+j_{sa}-j_i-k_3)}^{(n_{is}=n+k+Q8)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)}^{(n_{is}=n+k+Q8)} \sum_{(n_s=n_{sa}+j_{sa}-j_i-k_3)}^{(n_{is}=n+k+Q8)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)}^{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_s=n_{sa}+j_{sa}-j_i-k_3)}^{(n_s=n_{sa}+j_{sa}-j_i-k_3)}$$

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

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

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

$$D > n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

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

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

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

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

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{(l_s-1+1)} \sum_{j_s=2}^1 = Q00; \\
 & \sum_{j_{ik}=j_{sa}^{ik}}^{(j_{sa}=j_i)} \sum_{j_i=l_i+n-D}^1 \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8; (n_{is}-j_s+1)}^{(n_{ik}+j_{ik}-j_{sa}^{ik})} \sum_{n_{sa}=k_2+k_3+Q8; -j_{ik}+Q9;}^{(n_{sa}+j_{sa}-j_i-k_3)} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;
 \end{aligned}$$

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

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

$$\sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q20; (n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}-j_{ik}-k_1}$$

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

$$\frac{(n_s - j_i - n - Q3 - j_{sa}^s)!}{(n_s - j_i - n - Q3 - j_{sa}^s)! \cdot (j_s - s)!}$$

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

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

$$D \geq n < n \wedge l \neq l_i \wedge l_s = l - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa} + 1 \wedge$$

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

$$j_i = j_i + j_{sa} = j^{sa} + j_{sa} \leq j_i < n \wedge$$

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

$$l_i + s - 1 < l_i \leq D + l_i + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q$$

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

$$\{Q3; j_{sa}^{k_1}, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4;\} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

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

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

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_3}+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$Q05; \sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{sa}-j_{ik}-j^{sa})}^{(n_{sa}-j_{ik}-j^{sa})}$$

$$\frac{(n_s - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

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

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

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

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

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

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

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

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

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$$\sum_{n_i=Q7; (n_{iS}=n+k+Q8; -j_s+Q9;)}^{Q6; \binom{n_i-j_s+1}{}} \sum_{n_{iK}=n+k_2+k_3+Q8; -j_{iK}+Q9;}^{n_{iS}+j_s-j_{iK}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{iK}+j_{iK}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

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

$$\frac{(n_{iS} - n_{iK} - 1)!}{(j_{iK} - j_s - 1)! \cdot (n_{iS} - n_{iK} - j_{iK})!}$$

$$\frac{(n_{iK} - n_{sa} - 1)!}{(j^{sa} - j_{iK} - 1)! \cdot (n_{iK} + j_{iK} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_s - n_{iS} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{sa} - j_i - k_3)!}$$

$$Q00; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

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

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

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

$$Q00; \left(\sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{iK}-j_{sa}^{iK}+1)}^{(\cdot)} \right)$$

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

$$\sum_{n_i=Q7; (n_{iS}=n+k+Q8; -j_s+Q9;)}^{Q6; \binom{n_i-j_s+1}{}} \sum_{n_{iK}=n+k_2+k_3+Q8; -j_{iK}+Q9;}^{n_{iS}+j_s-j_{iK}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{iK}+j_{iK}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

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

$$\frac{(n - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

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

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

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

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

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

$$\sum_{n_i = Q7; (n_{is} = n + k + Q8; -j_s + Q9;)}^{Q6; (n_i - j_s + 1)} \sum_{n_{ik} = n + k_2 + k_3 + Q8; -j_{ik} + Q9;}^{(n_i - j_s + 1)} \sum_{n_{is} + j_s - j_{ik} - k_1}^{n_{is} + j_s - j_{ik} - k_1}$$

$$\sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{n_s = n + Q8; -j_i + Q9;}^{n_{sa} + j^{sa} - j_i - k_3} Q05;$$

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

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

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$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

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

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

$$Q6; \sum_{(n_{is} = n + k + Q8; -j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{(n_{ik} = n + k_2 + k_3 + Q8; -j_{ik} + Q9;)}^{n_{is} + j_s - j_{ik} - k_1}$$

$$\sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{(n_s = n + Q8; -j_i + Q9;)}^{n_{sa} + j^{sa} - j_i - k_3} \quad Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

$$\sum_{j_{sa}^{ik}+1}^{()} \quad Q00;$$

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

$$\sum_{n_i=Q7;+Q8}^{()} \quad \sum_{(n_i=j_s-Q2) \quad (1)}^{()} \quad \sum_{(n_{is}=n+l_k+Q8; -j_s+Q9;) \quad n_{ik}=n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-l_{k2})}^{()} \quad \sum_{n_s=n_{sa}+j_{sa}-j_i-l_{k3}}$$

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

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

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

$$n > n - l \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

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

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

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

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

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

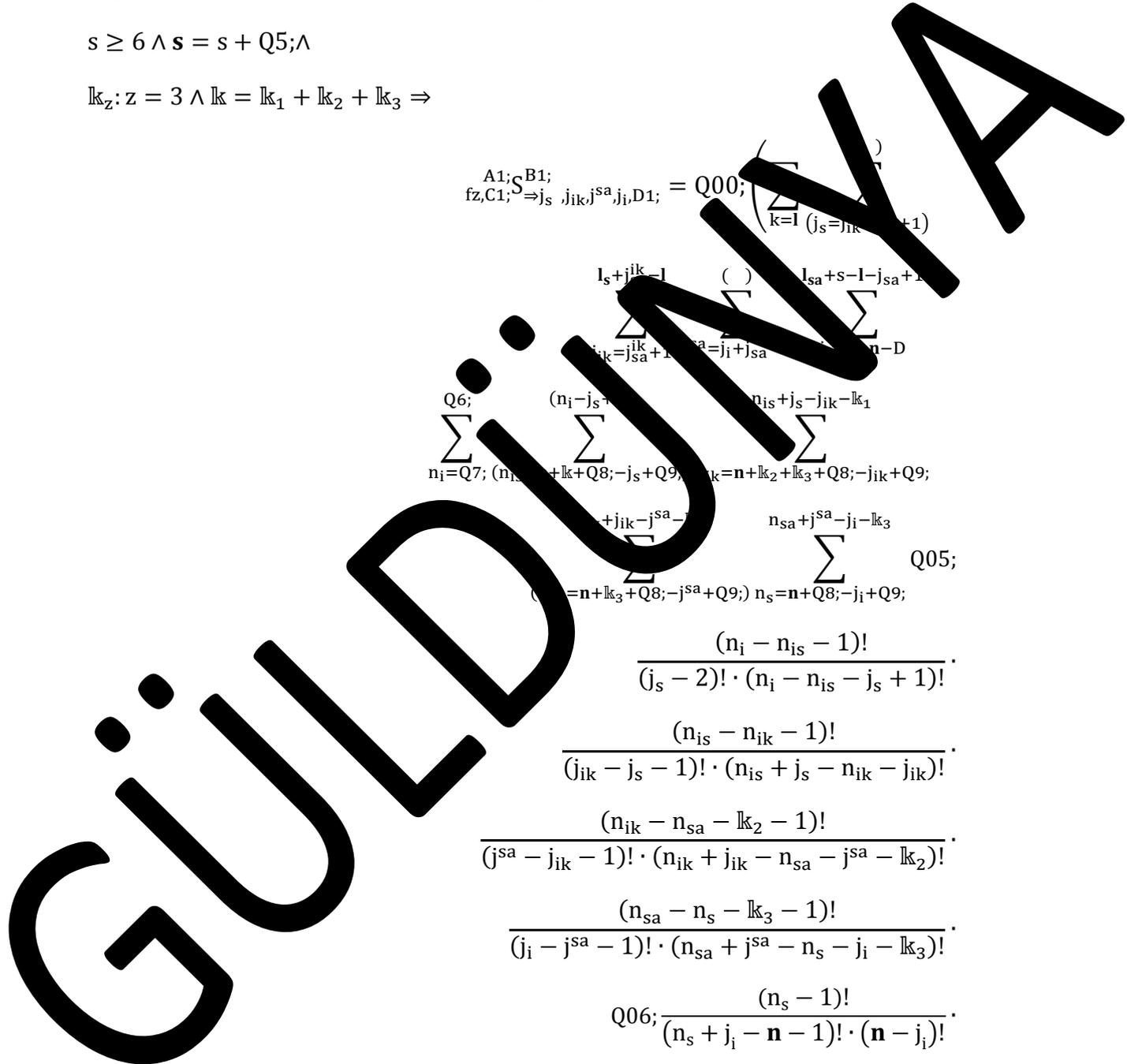
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \frac{A1; S^B1; f_z, C1; S \Rightarrow j_s \cdot j_{ik} j_{sa} j_i, D1; = Q00; \left(\sum_{k=1}^{j_s} (j_s = j_{ik} + 1) \right)}{\sum_{n_i=Q7; (n_i + k + Q8; - j_s + Q9;)}^{Q6; (n_i - j_s + Q8;)} \sum_{n_{ik}=j_{sa} + 1}^{(n_i - j_s + Q8;)} \sum_{n_{is}=j_s - j_{ik} - k_1}^{(n_{is} + j_s - j_{ik} - k_1)} \sum_{n_s=n + k_2 + k_3 + Q8; - j_{ik} + Q9;}^{(n_s + j_{sa} - j_i - k_3)} \sum_{n_{sa}=j_{sa} - j_i - k_3}^{(n_{sa} + j_{sa} - j_i - k_3)} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}
 \end{aligned}$$



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

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

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

$$Q6; \sum_{n_i=Q7; (n_{iS}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}+k_2+k_3+Q8;-j_s+Q9;}^{(n_s+j_s-j_{ik})}$$

$$Q05; \frac{(n_{ik}+j_{ik}-j^{sa}-k_2)}{(n_{sa}+k_3+Q8;-j_s+Q9); n_s+Q9;}$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(I_i + j_{sa} - I_{sa} - s)!}{(j^{sa} + I_i - j_i - I_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

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

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

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

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q9; j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}-j_{ik}-k_3)}^{(n_{sa}-j_{ik}-k_3)} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

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

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

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}} \binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!} \cdot \frac{(j_s - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q044;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1$$

$$D + l_{sa} + s - n - l_i - j_{sa} + 2 = l_i - 1$$

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

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

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

$$l_s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

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

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

$$s: \{Q3; j_{sa}^s, k_1, k_2, \dots, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \leq 6 \wedge s \leq s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$f_{z,C1; \Rightarrow j_s}^{A1; S^{B1}; j_{ik} j^{sa} j_i, D1;} = Q00; \sum_{k=1} \binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}$$

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

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3}$$

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

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

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-j_s+1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-k_3)!}$$

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

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

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

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

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

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

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

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$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l_i \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l_i \leq D + l_s + s - n - l_i \wedge$$

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

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

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

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}^{ik}, l_i, j_{sa}^s, Q4; \} \wedge$$

$$s \geq 6, j_s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

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

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

$$\sum_{n_i=Q7; (n_{iS}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{iK}=n+k_2+k_3+Q8;-j_{iK}+Q9;}^{n_{iS}+j_s-j_{iK}-k_1}$$

$$\sum_{(n_{sA}=n+k_3+Q8;-j^{sA}+Q9;)}^{(n_{iK}+j_{iK}-j^{sA}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sA}+j^{sA}-j_i-k_3} \quad Q05;$$

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

$$\frac{(n_{iS} - n_{iK} - 1)!}{(j_{iK} - j_s - 1)! \cdot (n_{iS} - n_{iK} - j_{iK})!}$$

$$\frac{(n_{iK} - n_{sA} - 1)!}{(j^{sA} - j_{iK} - 1)! \cdot (n_{iK} + j_{iK} - n_{sA} - j^{sA} - k_2)!}$$

$$\frac{(n_s - n_{iS} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{sA} - j_i - k_3)!}$$

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

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

$$\frac{(l_{iK} - l_s - j_{sA}^{iK} + 1)!}{(j_s - l_{iK} - j_{iK} - l_s)! \cdot (j_{iK} - j_s - j_{sA}^{iK} + 1)!}$$

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

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

$$\sum_{j_{iK}=j^{sA}+j_{sA}^{iK}-j_{sA}}^{()} \sum_{(j^{sA}=j_i+j_{sA}-s)}^{()} \sum_{j_i=l_s+s-l+1}^{l_{iK}+s-l-j_{sA}^{iK}+1}$$

$$\sum_{n_i=Q7; (n_{iS}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{iK}=n+k_2+k_3+Q8;-j_{iK}+Q9;}^{n_{iS}+j_s-j_{iK}-k_1}$$

$$\sum_{(n_{sA}=n+k_3+Q8;-j^{sA}+Q9;)}^{(n_{iK}+j_{iK}-j^{sA}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sA}+j^{sA}-j_i-k_3} \quad Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s - n_i - n_{is} - j_i - 1)!}{(n_s - n_i - n_{is} - j_i - 1)!}$$

$$\frac{(n_s - 1 - 1)!}{(n_s - 1 - 1)! \cdot (j_s - 2)!}$$

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

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

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

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

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

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$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

$$\frac{(l_i - 1)!}{(j_i - n - 1)! \cdot (n - j_i)!}$$

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

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

$$Q6; \sum_{n_i=j_{sa}^{ik}-j_{sa}^{ik}+j_{sa}-D-j_{sa}^{ik}}^{l-s+1} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

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

$$\sum_{k=1}^{l_i-1} (j_s - k - 1 + 1)$$

$$(l_i - j_{sa}^{ik} + 1) \cdot (l_i - l + 1)$$

$$j_i - j^{sa} + j_{sa}^{ik} - j_{sa} - (n - l_{ik} + n + j_{sa} - j^{sa} - j_{sa}^{ik}) \cdot j_i = l_{ik} + j_{sa}^{ik} + 2$$

$$\sum_{n_i=Q7; (n_{is}=n+l_{ik}+Q8; -j_s+Q9)}^{Q6; (n_i-j_s+1)} \sum_{k=n+l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9}^{(n_i-j_s+1)} \sum_{k_1=n+l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9}^{+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_i=n+l_{k_3}+Q8; -j^{sa}+Q9)}^{(n_i=n+l_{k_3}+Q8; -j^{sa}+Q9)} \sum_{n_s=n+Q8; -j_i+Q9}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

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

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

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

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

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

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

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

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+Q8;+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n_{is}-j_{sa}-k_2)}^{()} \sum_{(n_{sa}+j^{sa}-j_i-k_3)}$$

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

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

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

$$D \geq n < n \wedge l_i \leq l \wedge l_s \leq n - n + l \wedge$$

$$D + j_i + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

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

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

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

$$j_s - 1 < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

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

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

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

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

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

$$\begin{aligned}
 & \overset{A1;S^{B1};}{fz,C1;S} \Rightarrow \sum_{j_s} j_{ik} j^{sa} j_i D1; = Q00; \left(\sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)} \right. \\
 & \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i+n-D}^{(I_{ik}+s-1-j_{sa}^{ik})} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=j_{sa}^{ik}+k_2+k_3+Q8;-j_{ik}}^{(n_i-j_s+1)} \sum_{n_{sa}=j_{sa}^{ik}+k_3+Q8;-j_{sa}}^{(n_{ik}+j_{sa}^{ik}-k_2)} \sum_{n_s=n+Q9;-j_s+Q9)}^{(n_{sa}=j_{sa}^{ik}+k_3+Q8;-j_{sa})} \sum_{n_{is}=n+Q9;-j_s+Q9)}^{(n_{is}=n+Q9;-j_s+Q9)} \\
 & \frac{(n_{is}-n_{is}-1)!}{(j_s-2)! \cdot (n_{is}-j_s+1)!} \cdot \frac{(n_{ik}-n_{ik}-1)!}{(j_{ik}-j_i-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-n_s-k_3-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-k_3)!} \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(I_s-1-1)!}{(I_s-j_s-1+1)! \cdot (j_s-2)!} \\
 & \frac{(I_{ik}-I_s-j_{sa}^{ik}+1)!}{(j_s+I_{ik}-j_{ik}-I_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-I_i)!}{(D+j_i-n-I_i)! \cdot (n-j_i)!} \Big) Q02; \\
 & Q00; \left(\sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)} \right)
 \end{aligned}$$

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$$\begin{aligned}
 & \sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_i+j_{sa}-s-1)} \sum_{l_{ik}+s-1-j_{sa}^{ik}+1} \\
 & \sum_{n_i=Q_6; (n_{is}=n+k+Q_8; -j_s+Q_9);} \sum_{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q_8; -j_{sa}+Q_9);} \sum_{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{n_{sa}+j_{sa}-j_i-k_3} \\
 & \frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!} \cdot \frac{(n_{is}-n_{ik}+1)!}{(j_{ik}-j_s+1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_{is}-k_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{sa}-n_{sa}-j_{sa}-k_2)!} \cdot \frac{(n_{sa}-n_s-k_3-1)!}{(j_i+j_{sa}-1)! \cdot (n_i+j_{sa}-n_s-j_i-k_3)!} \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)} \\
 & \sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_i+j_{sa}-1-j_{sa}^{ik}+1)} \sum_{l_i-1+1}
 \end{aligned}$$

GÜLDENWA

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{i_k}=n+l_k+l_{k_3}+Q8;-j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

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

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_{i_s} - n_s - 1)!}{(j_i - j_s - 1)! \cdot (n_{i_s} + j^{s_a} - n_s - l_{k_3})!}$$

$$Q04; \frac{(n_s - 1)!}{(n - j_i - 1)! \cdot (n - j_i)!}$$

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

$$\frac{(l_{i_k} - l_s - j_{s_a}^{i_k} + 1)!}{(j_s - l_{i_k} - j_{i_k} - l_s)! \cdot (j_{i_k} - j_s - j_{s_a}^{i_k} + 1)!}$$

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

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

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}^{(\)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}}^{(\)} \sum_{(j^{s_a}=j_i+j_{s_a}-s)}^{(\)} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

GÜLDÜZYA

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} (n_s + j_i - j_s - s - Q31;)!$$

$$\frac{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}{(l_s - l - 1)! \cdot (j_s - l + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} \cdot Q044$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq i - 1 \wedge$

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

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

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

$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$

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

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

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \}$

$s > 6 \wedge s = \dots + Q5; \wedge$

$k_z: z = 3 \wedge k = \dots + k_2 + \dots \Rightarrow$

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

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

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_{k_2})!}$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_{sa} - 1)!}{(n_s + j_i - n - l_{k_3} - 1)! \cdot (n - j_i)!}$$

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

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

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

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

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

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

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

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

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

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

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

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

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

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^s, k_3, j_{sa}^s, k_4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 =$

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

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

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

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

$$\frac{(l_s - 1)!}{(l_s + j_i - l + 1)! \cdot (l - 1)!} \cdot$$

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

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

Q02; $\frac{(D - 1)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$

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

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

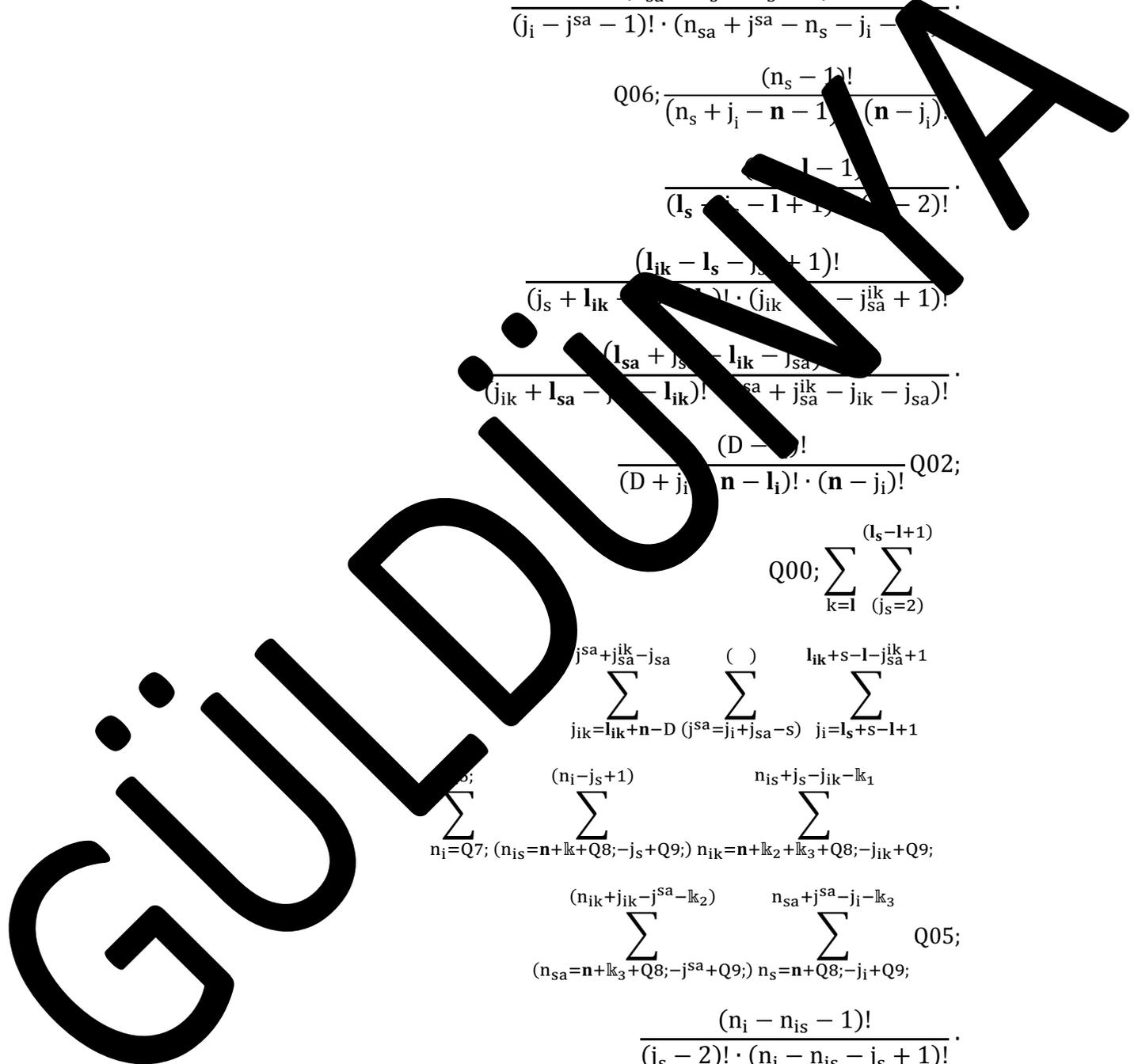
Q7; $\sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-k_1}$

Q05; $\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{n_{sa}+j^{sa}-j_i-k_3}$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$



$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

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

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

$$\frac{(D - 1)!}{(n - l_j) \cdot (n - j_i)!} Q00;$$

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

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

$$Q6; \sum_{n_i=n+l_{ik}+k_3+Q8;-j_s+Q9;}^{l_{ik}-j_s+1} \sum_{n_{is}=n+l_{ik}+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

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

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

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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

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

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q0; \sum_{k=1}^l (j_s = j_{ik} - j_{sa}^{ik})$$

$$\sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}}^{l_s + s - 1} \sum_{j_{sa} = j_i + j_{sa} - s}^{l_s + s - 1} \sum_{j_i = n - D}$$

$$Q20; (n_i = n + k + Q23 + 1) \sum_{n_i = Q7 + Q23}^{n_i = n + k + Q8} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - k_1}^{n_{ik} = n_{is} + j_s - j_{ik} - k_1} \sum_{n_{sa} = n_{ik} + j_{ik} - j_{sa} - k_2}^{n_{sa} = n_{sa} + j_{sa} - j_i - k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D > l_i \wedge n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$l - j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{ik} + j_{sa} - j_{sa} \wedge$$

$$j_{sa}^{ik} = j_i + j_{sa} - s \wedge j_{sa}^{ik} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$D \geq n < n \wedge Q2; \wedge$

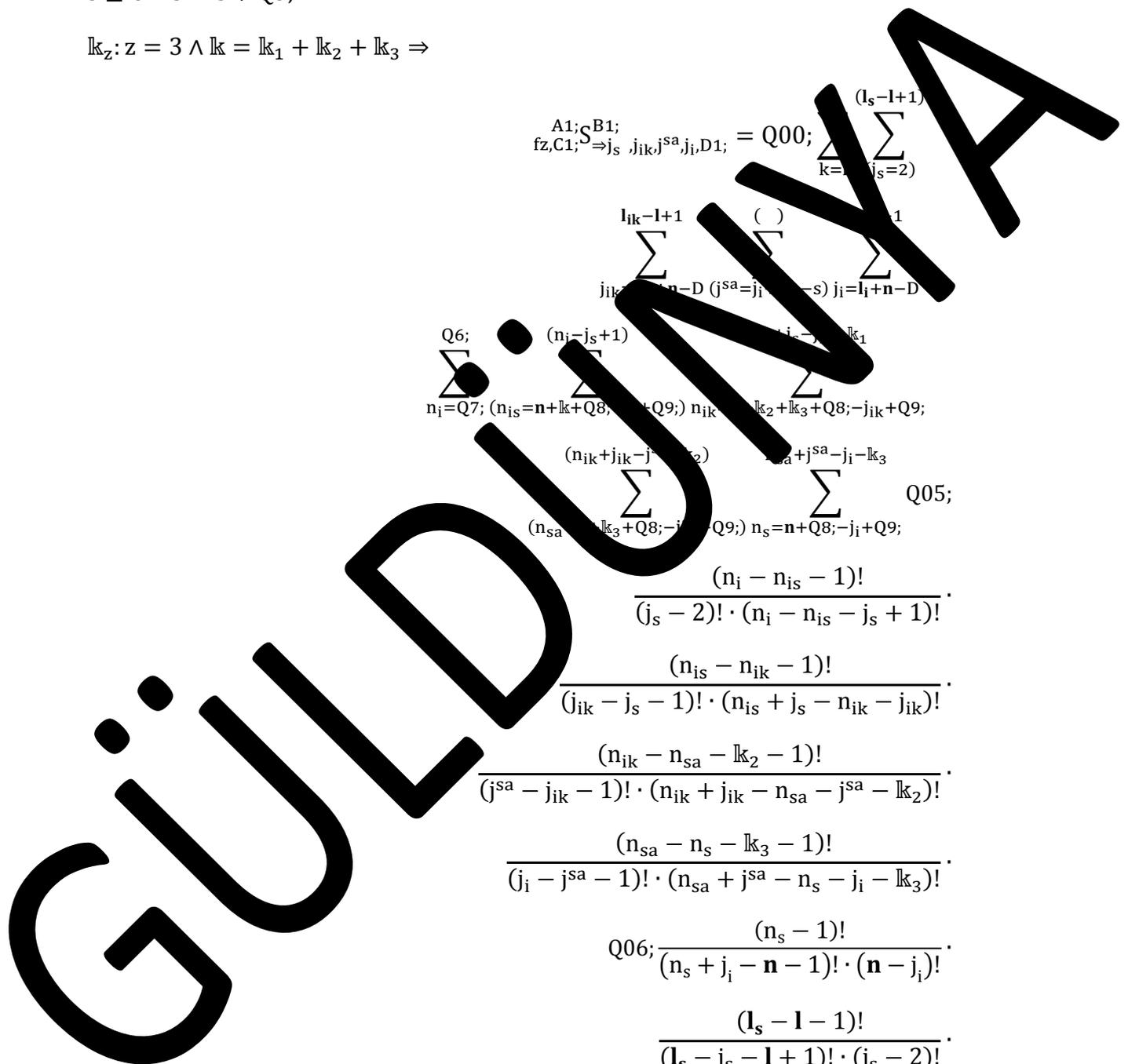
$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$$\begin{aligned}
 & \sum_{k=1}^{(l_s-1+1)} \sum_{j_s=2}^{(l_s-1+1)} = Q00; \\
 & \sum_{j_{ik}^{i-1+1}}^{(j_{sa}=j_i-s)} \sum_{j_i=l_i+n-D}^{(j_i=l_i+n-D)} \\
 & \sum_{n_i=Q7}^{(n_i=j_s+1)} \sum_{(n_{is}=n+k+Q8)}^{(n_{is}=n+k+Q8)} \sum_{(n_{ik}^{i-1+1})}^{(n_{ik}^{i-1+1})} \sum_{(n_{sa}+j_{sa}-j_i-k_3)}^{(n_{sa}+j_{sa}-j_i-k_3)} \\
 & \sum_{(n_{sa}+k_3+Q8)}^{(n_{sa}+k_3+Q8)} \sum_{(n_s=n+Q8-j_i+Q9)}^{(n_s=n+Q8-j_i+Q9)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}
 \end{aligned}$$



$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\)} \sum_{(j^{sa}=j_i+j_{sa}-I_i+n-D)}^{(\)} \sum_{=I_i+n-D}^{I_s+s}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{iS}=n+k+Q8;-j_{sa}^{ik}+Q9;) n_{ik}=n_{iS}+j_{sa}^{ik}-k_1}^{(n_i-j_s-Q23;+1)}$$

$$\frac{(n_{sa}=n_{ik}-j_{sa}^{ik}+k_3) \sum_{=j_i-k_3}^{(\)}}{(n_s - j_i - j_s - Q31;)! \cdot (n + j_i - n - Q31 - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(I_s - I - 1)!}{(I - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q044;$$

$$((D \geq n < n \wedge I_i \neq I_s \wedge I_s \leq D - n + 1 \wedge$$

$$2 \leq I \leq D + I_s + s - n - I_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$I_{ik} - j_{sa}^{ik} + 1 > I_s \wedge I_{ik} - j_{sa}^{ik} - j_{sa} > I_{ik} \wedge I_i + j_{sa} - s > I_{sa} \wedge$$

$$D - s - I_i < I_i \leq D + I_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge I_i \neq I_s \wedge I_s \leq D - n + 1 \wedge$$

$$2 \leq I \leq D + I_s + s - n - I_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$I_i - s + 1 > I_s \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa})) \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned} & \sum_{n_i=Q7; (n_{is} - k + Q8; -j_s + Q9;)} \sum_{(j_{ik} - j_{sa}^{ik} - 1)!} \sum_{(n_{sa} + j_{sa}^i - j_i - k_3)} \sum_{(n_s = n + Q8; -j_i + Q9;)} \sum_{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \sum_{(n_{is} - n_{ik} - 1)!} \sum_{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \sum_{(n_{ik} - n_{sa} - k_2 - 1)!} \sum_{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \sum_{(n_{sa} - n_s - k_3 - 1)!} \sum_{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \sum_{(n_s - 1)!} \sum_{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \sum_{(l_s - l - 1)!} \sum_{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \sum_{(l_{ik} - l_s - j_{sa}^{ik} + 1)!} \sum_{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \end{aligned}$$

GUIDE

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_i+j_{sa})}^{(l_{ik}-l-j_{sa}^{ik}+1)}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_{ik}+Q9)}^{Q6; (n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+j_{sa}+Q9; -j_{sa}+Q9; -n+Q8; -j_i+Q9)}^{n_{sa}+j_{ik}-j_{sa}^{ik}} \sum_{(n_{sa}+k_3)}^{Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

GÜLDÜZMAYA

$$\begin{aligned}
 & \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)} \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{ik}+s-1-j_{sa}^{ik}}^{l_{sa}+s-1-j_{sa}+1} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q4-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-n_{ik}-k_3)}^{(n_{is}+j_s-j_{ik}-k_1)} \quad Q05; \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{is} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q02; \\
 & Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \right)
 \end{aligned}$$

GÜLDENWA

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_i+j_{sa}-s-1)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$\sum_{n_i=Q_7}^{Q_6} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q_8; -j_s+Q_9}^{n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_i - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_i - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_s - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i + j^{sa} - 1)! \cdot (n_i + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

GÜLDÜZMİNAR

$$\sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_s+s-l+1}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q_7; (n_{is}=n+l_k+Q_8; -j_s+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_3}+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{n_s=n+Q_8; -j_s+Q_9}^{n_{sa}+j_{sa}-j_i-l_{k_3}}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_i - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_i - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i + j_{sa} - 1)! \cdot (n_i + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

GÜLDENWA

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_{ik}+s-1-j_{sa}^{ik}+2}^{l_{sa}+s-1-j_{sa}+1}$$

$$\sum_{n_i=Q_7}^{Q_6} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q_8+j^{sa}+Q_9}^{n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_i - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_i - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i + j^{sa} - 1)! \cdot (n_i + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\begin{aligned}
 & \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}+s-l-j_{sa}+2}^{l_i-l+1} \\
 & \sum_{n_i=Q_7; (n_{is}=n+k+Q_8; -j_s+Q_9;)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9;}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q_8; -j_i+Q_9;}^{n_{sa}+j^{sa}-j_i-k_3} \\
 & \frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot \\
 & \frac{(n_{is} - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + 1 - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - 1 - k_2)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + 1 - n_{sa} - j^{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i - k_3)!} \cdot \\
 & \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q_{04}; \\
 & Q_{000}; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}
 \end{aligned}$$

GÜLDENWA

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!} \cdot \frac{(n_s - 1 - 1)!}{(n_s - 1 - n)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q044;$$

$$\left((D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge D + l_s + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_{ik} - k_1 + 1 > l_s \wedge l_{ik} + j_{sa}^{ik} - j_{sa} > l_s \wedge l_{ik} + j_{sa} - s > l_{sa} \wedge D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \right) \vee$$

$$\left((D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge D + l_s + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_{ik} - s + 1 > l_s \wedge D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \right) \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

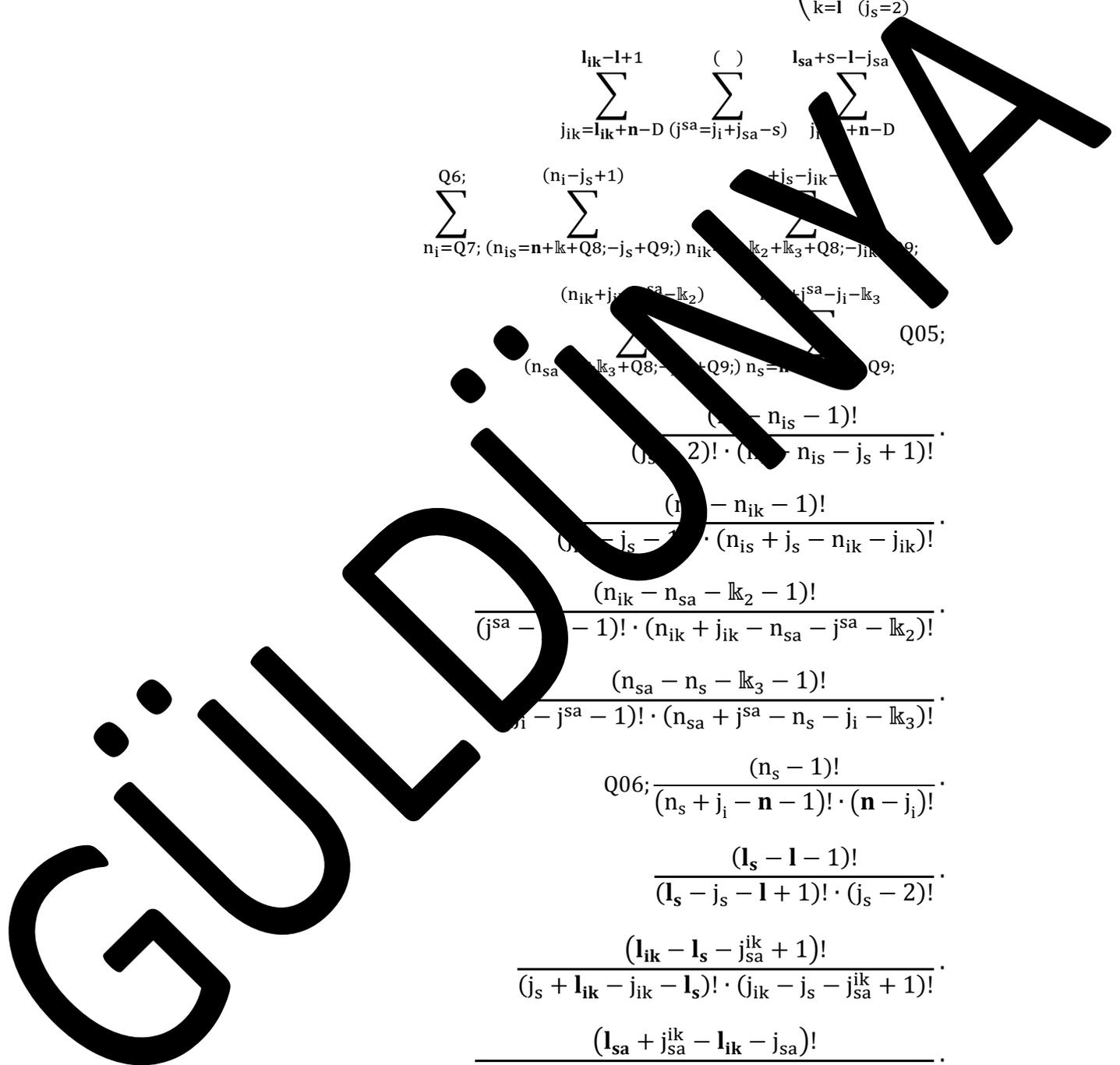
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$s \geq 6 \wedge s = s + Q5; \wedge$

$lk_z: z = 3 \wedge lk = lk_1 + lk_2 + lk_3 \Rightarrow$

$$\begin{aligned}
 & \overset{A1; S^{B1};}{fz, C1; \Rightarrow} \sum_{j_s} j_{ik} j^{sa} j_i j_{D1} = Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right. \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i+n-D}^{l_{sa}+s-1-j_{sa}} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=lk_2+lk_3+Q8;-j_{ik}+Q9;}^{Q6; (n_i-j_s+1)} \sum_{(n_{ik}+j_i-j_{sa}-lk_2)}^{(n_{ik}+j_i-j_{sa}-lk_2)} \sum_{(n_{sa}+lk_3+Q8;-j_i+Q9); n_s=n_i+Q9;}^{(n_{sa}+lk_3+Q8;-j_i+Q9); n_s=n_i+Q9;} \\
 & \frac{(n_{is} - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} - j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(n_{is} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{sa} - lk_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - lk_2)!} \\
 & \frac{(n_{sa} - n_s - lk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - lk_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q02;
 \end{aligned}$$



$$Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_{sa}+s-1-j_{sa}+1}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-n_s-k_3)}^{(j^{sa}-j_{ik}-k_3)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - j_s + 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s + 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{ik} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\begin{aligned}
 & \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-1+1)} \sum_{j_i=l_{sa}+s-1-j_{sa}+2}^{l_i-1+1} \\
 & \sum_{n_i=Q7}^{Q6; (n_i=n+k+Q8;-j_s+Q9);} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)} \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)} \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)} Q05; \\
 & \frac{(n_i - j_s - 1)!}{(j_s - 2)! \cdot (n_i - j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{is} - k_2 - 1)!}{(j^{sa} - j_s - 1)! \cdot (n_{is} - j_{ik} - n_{sa} - j^{sa} - k_2)!} \\
 & \frac{(n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \\
 & \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;
 \end{aligned}$$

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$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n}^{l_s+s-1}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-n_s=n_{sa}+j^{sa}-j_i)}^{(\cdot)}$$

$$\frac{(n_s - j_i - n - Q3 - j_{sa}^s)!}{(n_s - j_i - n - Q3 - j_{sa}^s)! \cdot (l_s - j_s - 1)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$((D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq l_i - 1$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n - l_i \leq D + l_i + s - n - j_{sa}) \vee$$

$$(D > n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq l_i - 1 \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa})) \wedge$$

$D \geq n < n \wedge Q2; \wedge$

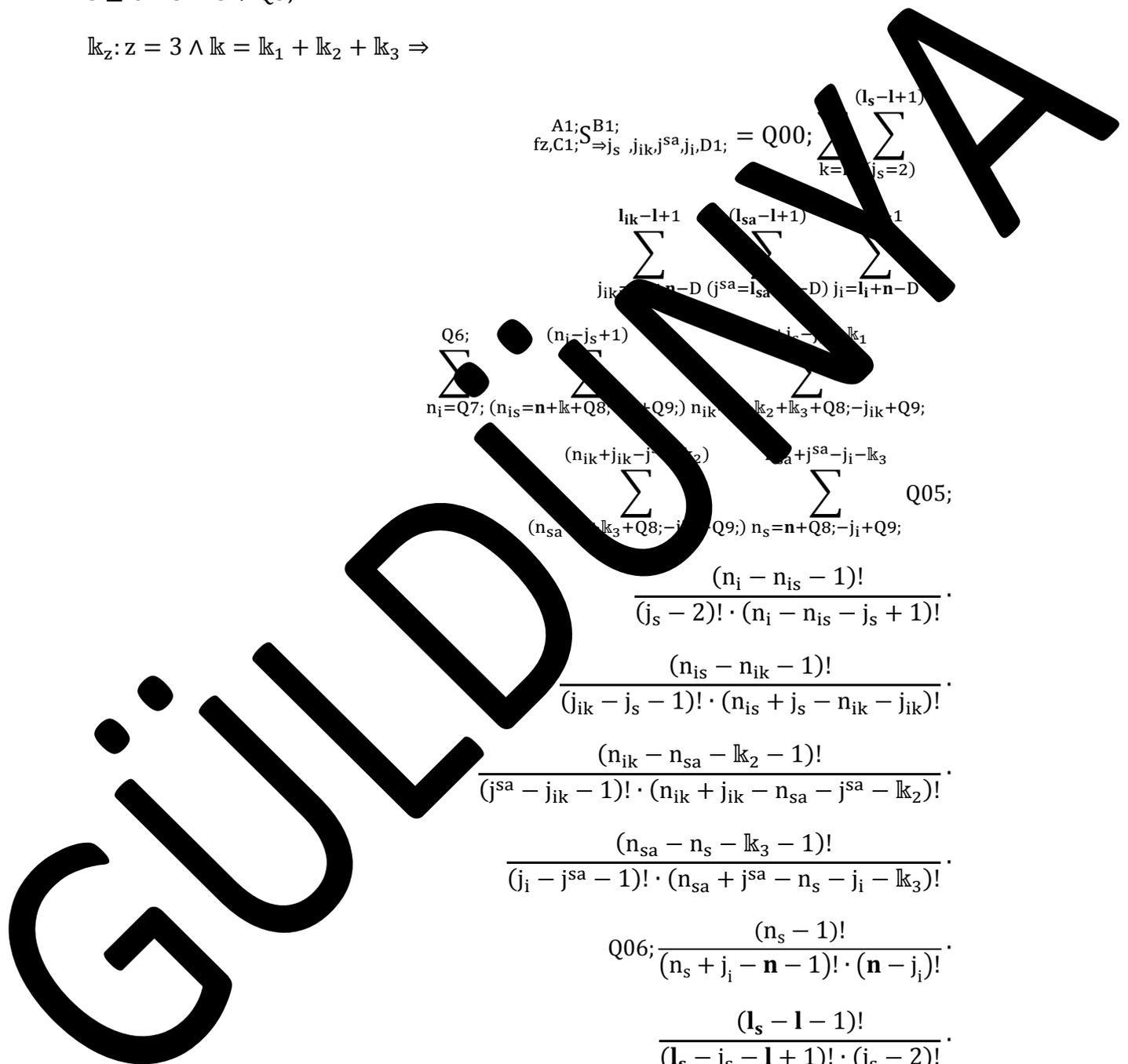
$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$$\begin{aligned}
 & \frac{A1; S^{B1}; fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{j_s=2}^1}{\sum_{j_{ik}=n-D}^{l_{ik}-1+1} \sum_{(j_{sa}=l_{sa}-D)}^{(l_{sa}-1+1)} \sum_{j_i=l_i+n-D}^1} \\
 & \frac{Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8, \dots, +Q9); n_{ik}=k_2+k_3+Q8; -j_{ik}+Q9; (n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}=k_3+Q8; -j_{sa}-Q9); n_s=n+Q8; -j_i+Q9; (n_{ik}-n_{sa}-k_2-1)} \sum_{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!}}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \\
 & \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_i-j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!} \\
 & \frac{Q06; (n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \\
 & \frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}
 \end{aligned}$$



$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q04;}$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+...)}^{(\cdot)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i)}^{(\cdot)} \sum_{j_i=j_i}^{l_s+s-1} \sum_{n-D}^{(\cdot)}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n_i-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{ik}=n_i-Q23;+1)}^{(n_{ik}=n_i-Q23;+1)} \sum_{(n_{ik}=n_i-Q23;+1)}^{(n_{ik}=n_i-Q23;+1)}$$

$$\sum_{(n_{sa}=n_i-Q23;+1-j^{sa}-l_{sa})}^{(n_{sa}=n_i-Q23;+1)} \sum_{(n_{sa}=n_i-Q23;+1)}^{(n_{sa}=n_i-Q23;+1)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - j_s - s - Q31; - l_{sa})! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

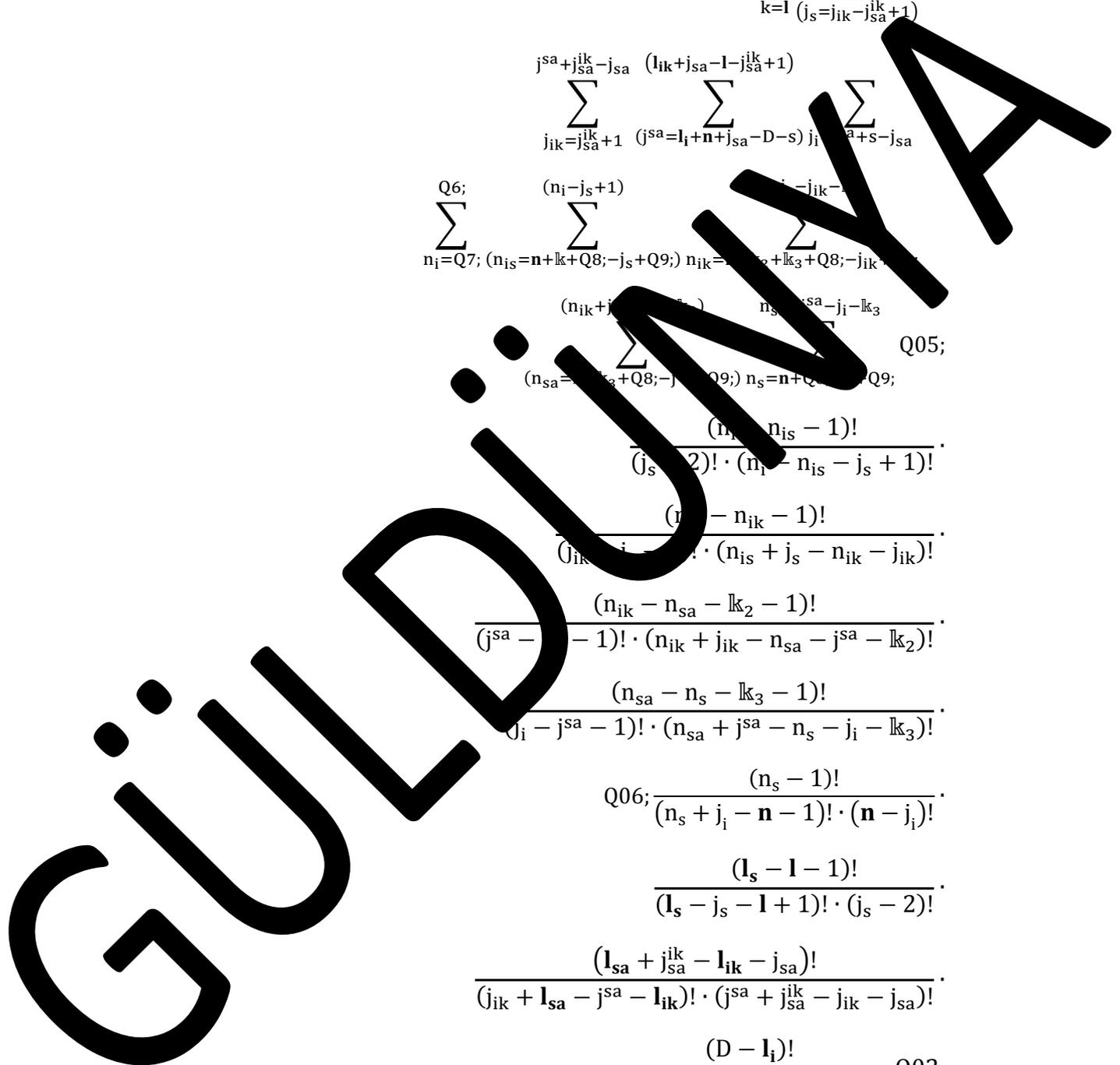
- $D \geq n < n \wedge l_i \leq l \wedge l_s \leq D - n + 1 \wedge$
- $2 \leq l_i \leq D + l_{ik} + s - n - l_i - j_{sa} + 1 \wedge$
- $1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$
- $j^{sa} = j_i + j_{sa} - s - j_s + s - j_{sa} \leq j_i \leq n \wedge$
- $l_{ik} - j_{sa}^{ik} + j_{sa} = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$
- $l_s - j_s - l + 1 < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$
- $D \geq n < n \wedge Q2; \wedge$
- $j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$
- $s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$lk_z: z = 3 \wedge lk = lk_1 + lk_2 + lk_3 \Rightarrow$

$$\begin{aligned}
 & \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} Q00; \\
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-1-j_{sa}^{ik}+1)} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}}^{(\quad)} \\
 & \sum_{n_i=Q7; (n_{is}=n+lk+Q8;-j_s+Q9); n_{ik}=n+lk_2+lk_3+Q8;-j_{ik}}^{Q6; (n_i-j_s+1)} \sum_{(n_{ik}+j_{sa}^{ik}-j_{sa})}^{(n_i-j_{ik}-j_{sa})} \sum_{(n_{sa}=n+lk_2+Q8;-j_{sa}+Q9); n_s=n+lk_3+Q8;-j_i}^{(n_{sa}+j_{sa}^{sa}-j_i-lk_3)} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - j_{sa} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{sa} - lk_2 - 1)!}{(j_{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - lk_2)!} \cdot \frac{(n_{sa} - n_s - lk_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - lk_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;
 \end{aligned}$$

$$Q00; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$



$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j_{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j_{sa}+Q9);}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{n_s=n+Q8+l_{k_3}+Q9}^{(n_{sa}+j_{sa}-j_i-l_{k_3})}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{ik} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22; (n_{is}=n+l_k+Q8;-j_s+Q9);}^{Q20; (n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\frac{\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n_{sa}+j^{sa}-j_i-k_3)} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} \cdot Q044$$

$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq l - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_{sa} + j_{sa}^{ik} - 1 \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i - n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s - j_{sa} \wedge$

$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1, j_{sa} = j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}, Q4; \}$

$s > 6 \wedge s = \dots + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + \dots \Rightarrow$

$\frac{A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1;}{k=1} = Q00; \sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \dots$

$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+l_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!}$$

$$\frac{(n_{ik} - n_{sa} - l_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_2)!}$$

$$\frac{(n_{sa} - n_{sa} - l_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - l_1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_s - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_1+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+l_3+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^i - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, \dots, k_4\} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 \wedge k_3 \Rightarrow$$

$$\sum_{k=1}^{A1; S B1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{C1; S \Rightarrow} \dots = Q00;$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \text{ Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - 1)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(n - l_i)!}{(n - n - l_i + 1)! \cdot (n - j_i)!}$$

$$\sum_{s=1}^n \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}-l+1}^{j_{ik}-l+1} \sum_{j_i=j_{sa}^{sa}-l-j_{sa}^{ik}+2}^{j_i=j_{sa}^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=0}^{j_s-1} \sum_{(n_{is}=n-k+Q8;-j_s+Q9)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$Q00; \left(\sum_{k=1}^{()} \sum_{(j_s=j_s)}^{()} j_{sa}^{ik} + 1 \right)$$

$$\sum_{j_{ik}=i}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=l_{sa}+...)} \sum_{j_i=l_i+n-D}^{(l_i+l_{sa}-D-s-1)} 1$$

Q6; $(n - j_s + 1)$
 $n_i=Q7; (n_{is}=n+l_k+Q8; -Q9); n_{ik}=l_2+l_{k3}+Q8; -j_{ik}+Q9;$

$$\sum_{(n_{sa}=l_{k2}+Q8; -Q9)}^{(n_{ik}+j_{ik}-j_{sa})} \sum_{n_s=n+Q8; -j_i+Q9}^{n_{sa}+j_{sa}-j_i-l_{k3}} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

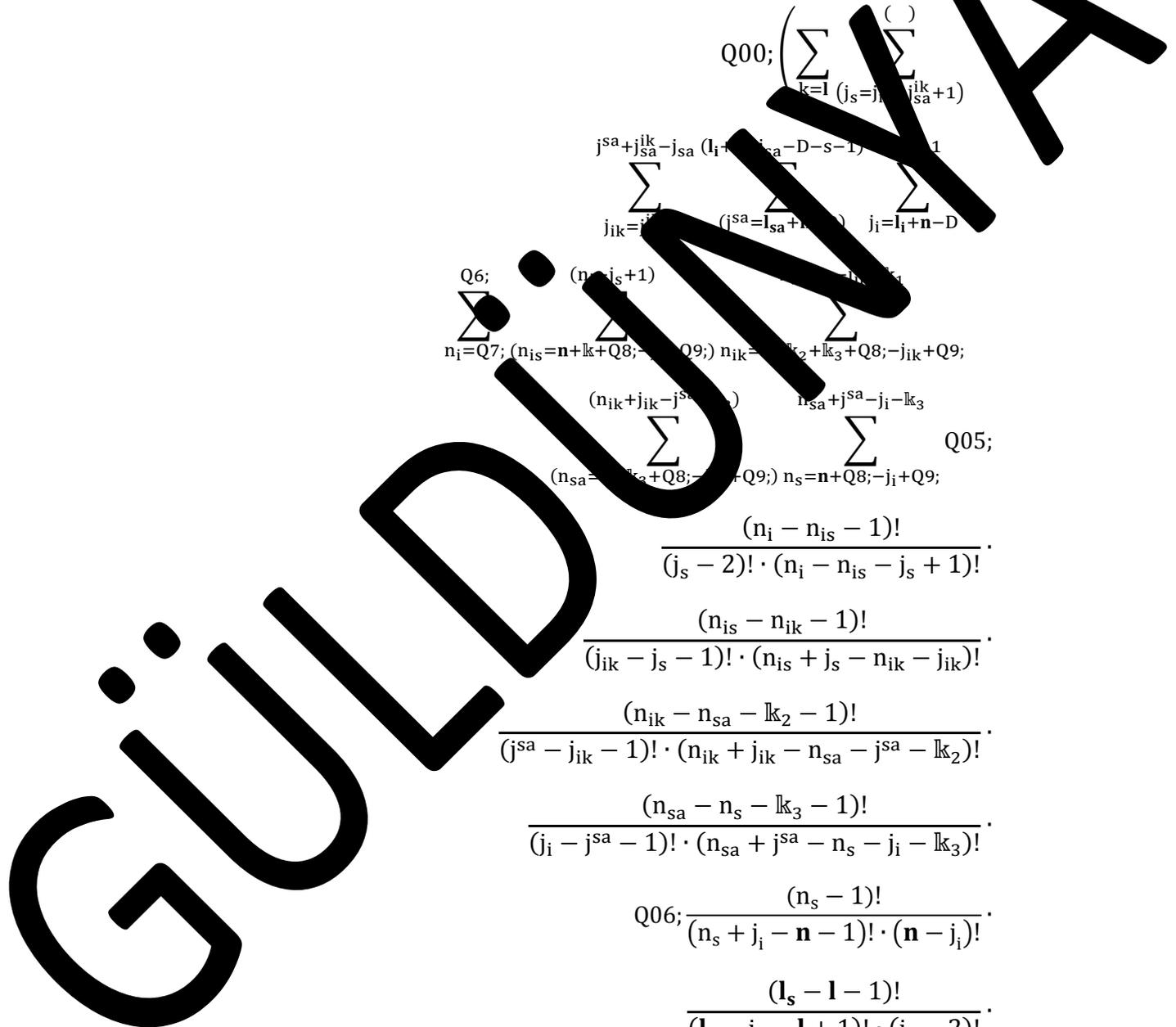
$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j_{sa}-j_{sa}+1}^{l_i-1+1}$$

$$\sum_{n_i=Q6; (n_{is}=n+k+Q8;-j_s+Q9)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n_{sa}+k_2+k_3+Q8;-j_s+Q9}^{(n_i+j_s-j_{ik})} \sum_{j_{sa}^{ik}=Q9;}$$

$$\frac{(n_{ik}+j_{ik}-j_{sa}-k_2) \cdot (n_{sa}+j_{sa}-j_i-k_3)}{(n_{sa}+k_3+Q8;-j_s+Q9) \cdot (n_{is}+j_s-k_2+Q9)}$$

$$\frac{(n_{is}-n_{is}-1)!}{(n_{is}-2)! \cdot (n_{is}-j_s+1)!}$$

$$\frac{(n_{ik}-n_{ik}-1)!}{(n_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!}$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

GÜLDÜZ

$$\sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{ik}+j_{sa}-1-j_{sa}^{ik}+2)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k3}+Q5; -j_{ik}+Q9;}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-l_{k1}}^{n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n+l_{k3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k2})} \sum_{(n_{sa}-j_{ik}-l_{k3})}^{(n_{sa}-j_{ik}-l_{k3})} Q05;$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{is} - j_{ik} - n_{sa} - j^{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

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$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - n - Q31; -j_{sa} - 1)! \cdot (n + j_{sa} - s)!}$$

$$\frac{(l_s - 1)!}{(l_s - 1 + Q44; - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(n + j_i - n - k)! \cdot (n - j_i)!} \quad Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{sa} = j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_s + j_{sa}^{ik} - j_{sa} > 0 \wedge l_s - j_{sa} - s = l_{sa} \wedge$$

$$D - s - n < l_s \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$l_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, k_1, k_2, j_{sa}, \dots, k_3, j_{sa}, Q4; \} \wedge$$

$$s \geq 6 \wedge s \leq s + Q5; \wedge$$

$$k_z; z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$f_{z,C1; \Rightarrow j_s}^{A1; S^{B1}; j_{ik} j_{sa}^{j_i, D1;}} = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\begin{aligned}
 & \sum_{j_{ik}=j_{sa}^{lk}+1}^{j_{sa}+j_{sa}^{lk}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_2+l_3+Q8;-j_{ik}+}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-l_{k1}}^{n_{is}+j_s-j_{ik}-l_{k1}} \\
 & \sum_{(n_{sa}=n+l_k+l_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-l_{k2})} \sum_{n_s=n+Q8+}^{n_{sa}+j^{sa}-j_i-l_{k3}} \\
 & \frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s+1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_{ik}-l_{k2}-1)!}{(j^{sa}-j_{ik}-j_s+1)! \cdot (n_{ik}+j_s-n_{sa}-j^{sa}-l_{k2})!} \cdot \frac{(n_{sa}-n_s-l_{k3}-1)!}{(j_i-j^{sa}-1)! \cdot (n_{is}+j^{sa}-n_s-j_i-l_{k3})!} \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{sa}+j_{sa}^{lk}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{lk}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} Q02;
 \end{aligned}$$

$$Q00; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{lk}+1)}^{(\quad)}$$

$$\begin{aligned}
 & \sum_{j_{ik}=j_{sa}^{lk}+1}^{l_s+j_{sa}^{lk}-1} \sum_{(j^{sa}=l_s+j_{sa}-1+1)}^{(l_i+j_{sa}-1-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_2+l_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k1}}
 \end{aligned}$$

$$\sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)} \quad Q05;$$

$$(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;) \quad n_s=n+Q8; -j_i+Q9;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - k_2)!}$$

$$\frac{(n_{sa} - n_{sa} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - j_i)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n_{sa}+j^{sa}-j_i-k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l \neq i_l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq i_l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, \dots\} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{fz, C1; A1; S} j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \text{ Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - 1)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q00; \sum_{i=1}^n \sum_{j=1}^n (j_s = j_{ik} - j_{sa}^{ik} + 1)$$

$$\sum_{j^{sa} + j_{sa}^{ik} = n + j_{sa} - D - s} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$Q20; \sum_{i=1}^{(n_i - j_s - Q23; +1)} \sum_{(n_{is} = n + k + Q8; -j_s + Q9;)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - k_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

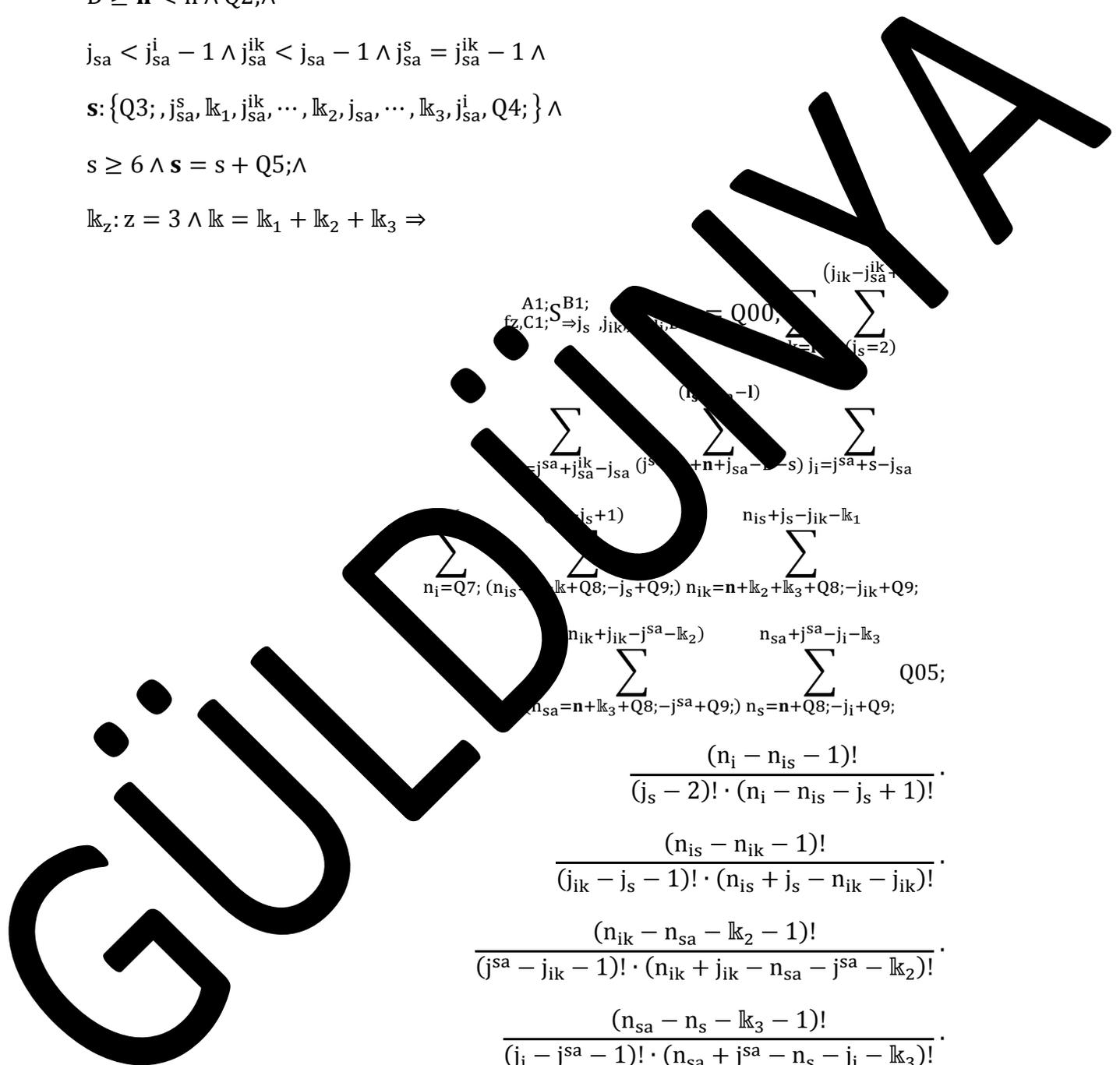
$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{j_i=j^{sa}+s-j_{sa}} \sum_{j_{sa}^{ik}+j_{sa}-j_{sa}} \sum_{(j_s=2)} \sum_{(j_s=1)} \sum_{(j_s=0)} \dots$$

$\sum_{n_i=Q7; (n_{is}=n+k_1+Q8;-j_s+Q9); n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}$
 $\sum_{n_{sa}=n+k_3+Q8;-j^{sa}+Q9); n_s=n+Q8;-j_i+Q9;}$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

Q06;



$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(l_i+j_{sa}-l-s+1)} \sum_{(j_{sa}=l_s+j_{sa}^{ik}-j_{sa})} \sum_{(j_{sa}^{ik}=j_{sa}-j_{sa})}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -)}^{Q6; (n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n+k_2+Q8; -j_{ik}+Q9;}$$

$$\sum_{(n_{sa}=n+k_3+Q9; -j_{sa}+Q9; -n+Q8; -j_i+Q9;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

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$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}^{sa}=l_i+n+j_{sa}-D-s)} \sum_{(j_i=j_{sa}^{sa}+s-j_{ik})}^{(l_s+j_{sa}-1)}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s-Q23;+1)} \sum_{(n_{ik}=n_{is}-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{sa})}^{()} \sum_{(n_s=n_{sa}+j_{sa}^{sa}-j_i)}$$

$$\frac{(n_s - j_i - n - Q3; - j_{sa}^s)!}{(n_s - j_i - n - Q3; - j_{sa}^s)! \cdot (l_s - j_s - 1)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_s = l - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq j_i - 1 \wedge$$

$$1 \leq j_i \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_i = j_i + j_{sa} - 1 \wedge j_{sa}^{sa} + j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} = j_{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_s + s - 1 \leq l_i \leq D + l_i + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q$$

$$j_{sa} < j_{sa}^{ik} \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; j_{sa}^{ik}, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4;\} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_i+j_{sa}-1-s+1)}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);} \sum_{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1} n_{is}+j_s-j_{ik}-k_1$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)} \sum_{(n_{sa}+j^{sa}-n_s-j_i+Q9)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s+j_{sa}-1)}$$

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$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - 1 - j_{sa}^s)!}{(l_s - j_s - 1)! \cdot (l_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2,$$

$$j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa}^{ik} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}^{ik}, j_{sa}^s, Q4; \} \wedge$$

$$s \geq 6, s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{fz,C1; s \Rightarrow j_s}^{A1; S B1; j_{ik} j^{sa} j_i, D1;} = Q00; \left(\sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_6}^{Q_6} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q_8; -j_{i_k}+Q_9)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbb{k}_3+Q_8; -j^{s_a}+Q_9)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q_8; -j_i+Q_9}^{n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!}$$

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbb{k}_2)!}$$

$$\frac{(n_s - n_{i_s} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{s_a} - j_i - \mathbb{k}_3)!}$$

$$Q0 \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{i_k} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{()} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}$$

$$\sum_{j_{i_k}=j_{s_a}^{i_k}+1}^{l_s+j_{s_a}^{i_k}-1} \sum_{(j^{s_a}=l_s+j_{s_a}-l+1)}^{(l_{s_a}-l+1)} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$\sum_{n_i=Q_6}^{Q_6} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q_8; -j_{i_k}+Q_9)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbb{k}_3+Q_8; -j^{s_a}+Q_9)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q_8; -j_i+Q_9}^{n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3} \quad Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + j_i - n - j_i - 1)!}{(n_s + j_i - n - j_i - 1)!}$$

$$\frac{(n - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (n_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_{ik})!}{(D + j_i - n - l_{ik})! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-1+1}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

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$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - l - s)!}$$

$$\frac{(l_i - l)!}{(j_i - n - l)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{j_i} \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{j_i}$$

$$\sum_{j_{sa}^{ik}=j_{sa}^{ik}+1}^{j_{sa}^{ik}-j_{sa}} (l_s - j_{sa} - l) \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$Q6; \sum_{n_i=0}^{j_s-1} \sum_{n_{is}=n_{ik}+Q8;-j_s+Q9}^{j_s-1} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa}^{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{j_s - j_{ik} - j_{sa}^{ik}}$$

$$\sum_{j_{ik} = l_{sa} - l + 1}^{l_s + j_{sa}^{ik} - l + 1} \sum_{(j_{sa} = l_{sa} - l + 1) j_i = j_{sa} + 1}^{l_i - l + 1}$$

$$\sum_{n=Q6; (n_{is} = n + Q8; -j_s + Q9; -j_s - j_{ik} - k_1)}^{Q6; (n_i - j_s + 1)}$$

$$\sum_{(n_i = n + k_3 + Q8; -j_{sa} + Q9; n_s = n + Q8; -j_i + Q9; n_{sa} + j_{sa} - j_i - k_3)}^{Q5;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-l_{sa}-j_{sa}^{ik}-j_{sa})}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+Q8;+Q9;)} \sum_{(n_i-j_s-Q23;+1)} \sum_{(n_{ik}=n_i+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n_i+j_s-j_{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - j_s - Q31; - l_{sa})! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l_i \leq l \wedge l_s \leq n - n \wedge l_{sa} \leq n - n \wedge$$

$$D + l_i + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_{sa}^{ik} + j_{sa} - s \wedge j_{sa}^{ik} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_{sa} = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_{sa} \leq l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$s \geq 6 \wedge s = s + Q5; \wedge$

$lk_z: z = 3 \wedge lk = lk_1 + lk_2 + lk_3 \Rightarrow$

$$\begin{aligned}
 & \overset{A1;S^B1;}{fz,C1;S^B1; \Rightarrow j_s} j_{ik} j_{sa} j_i D1; = Q00; \left(\sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right. \\
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{I_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=I_1+n+j_{sa}-D-s)}^{(I_{sa}-1+1)} \sum_{j_i=I_s+j_{sa}-j_{sa}}^{(\cdot)} \\
 & \sum_{n_i=Q7; (n_{is}=n+lk+Q8;-j_s+Q9); n_{ik}=lk_2+lk_3+Q8;-j_{ik}}^{Q6; (n_i-j_s+1)} \sum_{(n_{ik}+j_{sa}-lk_3)}^{(n_i-j_{ik}-1)} \sum_{(n_{sa}=lk_3+Q8;-j_{sa}+Q9); n_s=n+Q8;-j_s+Q9)}^{(n_{sa}+j_{sa}-lk_3)} \sum_{(n_{is}=n+Q8;-j_s+Q9)}^{(n_{is}-1)!} \\
 & \frac{(n_{is}-1)!}{(j_s-2)! \cdot (n_{is}-j_s+1)!} \cdot \frac{(n_{ik}-1)!}{(j_{ik}-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_{sa}-lk_2-1)!}{(j^{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-lk_2)!} \cdot \frac{(n_{sa}-n_s-lk_3-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-lk_3)!} \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(I_s-1-1)!}{(I_s-j_s-1+1)! \cdot (j_s-2)!} \\
 & \frac{(I_{sa}+j_{sa}^{ik}-I_{ik}-j_{sa})!}{(j_{ik}+I_{sa}-j^{sa}-I_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \left. \frac{(D-I_i)!}{(D+j_i-n-I_i)! \cdot (n-j_i)!} \right) Q02; \\
 & Q00; \left(\sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)
 \end{aligned}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)} (l_i+n+j_{sa}-D-s-1) \sum_{j_i=l_i+n-D}^{l_i-1+1}$$

$$\sum_{n_i=Q_7}^{Q_6} \sum_{(n_{is}=n+l_k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8; -j_{ik}+1}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q_8+l_{k_3}+Q_9}^{n_{sa}+j^{sa}-j_i-l_{k_3}}$$

$$\frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-l_{k_2}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_s-n_{sa}-j^{sa}-l_{k_2})!}$$

$$\frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_i+j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-l_{k_3})!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-1+1}$$

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$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=n+l_k+l_{k_3}+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!}$$

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_{i_s} - n_s - 1)!}{(j_i - 1)! \cdot (n_{i_s} + j^{s_a} - n_s - l_{k_3})!}$$

$$Q04; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(l_i + j_{s_a} - l_{s_a} - s)!}{(j^{s_a} + l_i - j_i - l_{s_a})! \cdot (j_i + j_{s_a} - j^{s_a} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}} \sum_{(j^{s_a}=l_i+n+j_{s_a}-D-s)}^{(l_s+j_{s_a}-1)} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$Q20; \sum_{n_i=Q7;+Q22;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} (n_s + j_i - j_s - s - Q31;)!$$

$$\frac{(n_s + j_i - \mathbf{n} - Q31; -j_{sa}^s)! \cdot (\mathbf{n} + j_{sa}^s - j_s - s)!}{(l_s - l - 1)! \cdot (j_s - l + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - \mathbf{n} - l_i)! \cdot (\mathbf{n} - l_i)!} \cdot Q044$$

$D \geq \mathbf{n} < n \wedge l \neq i \wedge l_s \leq D - \mathbf{n} + 1 \wedge$

$2 \leq l \leq D + l_s + s - \mathbf{n} - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s > l_{sa} \wedge$

$D + s - \mathbf{n} < l_i \leq D + l_{sa} + s - \mathbf{n} - j_{sa} \wedge$

$D \geq \mathbf{n} < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \}$

$s \geq 6 \wedge s = \dots + Q5; \wedge$

$k_z: z = 3 \wedge k = \dots + k_2 + \dots \Rightarrow$

$\begin{matrix} A1; S^B1; \\ fz, C1; S \Rightarrow j_s \end{matrix} j_{ik} j^{sa} j_i D1; = Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \right)$

$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_i+\mathbf{n}+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=\mathbf{n}+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_i-k_3}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - k_2)!} \cdot \frac{(n_{sa} - n_{sa} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \frac{(n_{sa} - 1)!}{(n_s + j_s - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-l+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-1-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_7}^{Q_6;} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_i-k_3}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

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$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l_i - 1)!}{(l_s + l_i - 1)! \cdot (l_s - l_i - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa} + 1)!}{(j_s + l_{ik} - 1)! \cdot (j_{ik} - j_{sa} + 1)!}$$

Q02; $\frac{(D - l_i)!}{(n_s + j_i - l_i - 1)! \cdot (n - j_i)!}$

Q00; $\left(\sum_{k=1}^{(j_{ik} - j_{sa} + 1)} \sum_{(j_s=2)} \right)$

$$\sum_{j_{ik}=i}^{j_{sa}-j_{sa}} \sum_{j_i=l_i+n-D}^{l_i-1+1} \frac{(l_i+n+j_{sa}-D-s-1)!}{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa})!} \frac{l_i-1+1}{(j_i=l_i+n-D)!}$$

Q6; $\sum_{(n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}$
 Q7; $(n_{is}=n+k+Q8; -j_s+Q9;)$ $n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;$

Q05; $\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)}$
 $n_s=n+Q8; -j_i+Q9;$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} - l_s)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(l_i)!}{(D + l_i - n - l_i)! \cdot (j_i)!}$$

$$\sum_{j_{ik}=1}^{(l_s + j_{sa} - D)} \sum_{j_{sa}=j_{ik} + j_{sa} - D - s}^{(j_{sa} - l_s + 1)} \sum_{j_i=j_{sa} + s - j_{sa} + 1}^{l_i - l + 1} \sum_{j_s=2}^{(j_{ik} - j_{sa} + 1)}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)} \sum_{n_{ik}=n+l_k+l_3+Q8; -j_{ik}+Q9;}$$

$$\sum_{(n_{sa}=n+l_3+Q8; -j^{sa}+Q9;)} \sum_{n_s=n+Q8; -j_i+Q9;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_k - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_k - 1)!}$$

$$\frac{(n_{sa} - n_s - l_k - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_k - 1)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - \dots)}$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{s=2}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_s} \sum_{j_{sa}=l_s+j_{sa}-1+} \sum_{j_i=j^{sa}+s-j_{sa}+1}$$

Q6; $(n_i - j_s + 1)$
 $n_i = Q7; (n_{is} = n + k + Q8, \dots + Q9); n_{ik} = k_2 + k_3 + Q8; -j_{ik} + Q9;$

$$\sum_{(n_{ik} + j_{ik} - j_s - 1)} \sum_{(n_{sa} + j_{sa} - j_i - k_3)} \dots$$

Q05;
 $(n_{sa} + k_3 + Q8; -j_{sa} - Q9); n_s = n + Q8; -j_i + Q9;$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

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$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_{sa}^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s-Q9)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{sa}-k_2)}^{(\cdot)} \sum_{j_{sa}-j_i-k_3}$$

$$\frac{(n_s - j_s - Q31;)!}{((D + j_i - n - Q31; - j_{sa})! \cdot (j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q044;$$

$$D \geq n < n \wedge l \neq 0 \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - l_i + 1 \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_{sa}^{sa} - s \wedge j^{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D - l_s \leq l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} - j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1;S^B1; f_z,C1;S \Rightarrow j_s, j_{ik}j^{sa}, j_i, D1; = Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-1-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q9; j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}-j_i-k_3)}^{(n_{sa}-j_i-k_3)} Q05;$$

$$\frac{(n_s - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{sa} + j^{sa} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=l_i+n-D}$$

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$$\sum_{n_i=Q7; (n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{i_k}=n+l_{k_2}+l_{k_3}+Q8;-j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!}$$

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_{i_s} - n_s - 1)!}{(j_i - j_s - 1)! \cdot (n_{i_s} + j^{s_a} - n_s - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{Q06 \cdot (n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{i_k} - l_s - j_{s_a}^{i_k} + 1)!}{(j_s - l_{i_k} - j_{i_k} - l_s)! \cdot (j_{i_k} - j_s - j_{s_a}^{i_k} + 1)!}$$

$$\frac{(l_i + j_{s_a} - l_{s_a} - s)!}{(j^{s_a} + l_i - j_i - l_{s_a})! \cdot (j_i + j_{s_a} - j^{s_a} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}}^{(l_{i_k}+j_{s_a}-l-j_{s_a}^{i_k}+1)} \sum_{(j^{s_a}=l_i+n+j_{s_a}-D-s)}^{l_i-1+1} \sum_{j_i=j^{s_a}+s-j_{s_a}+1}$$

$$\sum_{n_i=Q7; (n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{i_k}=n+l_{k_2}+l_{k_3}+Q8;-j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

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$$\sum_{(n_{sa}=n+l_{k_3}+Q_8;-j^{sa}+Q_9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{sa}+j^{sa}-j_i-l_{k_3})} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_{k_2})!}$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_{sa} - 1)!}{(n_s + 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_s + j_{sa} - l_{sa} - s)!}{(l_s + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q_7;+Q_{22};}^{(n_i-j_s-Q_{23};+1)} \sum_{(n_{is}=n+l_k+Q_8;-j_s+Q_9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$

$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} -$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^s, k_3, j_{sa}^s, k_4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 =$

$\overset{A1; S^{B1};}{fz, C1; \Rightarrow} \sum_{j_s} \sum_{j_{ik}, j_{sa}^{ik}, j_i, D1; } = Q00; \sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}$

$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-1)}^{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$

$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$

$$\frac{(l_s - 1)!}{(l_s + j_i - l + 1)! \cdot (l - 1)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa} + 1)!}{(j_s + l_{ik} - l_s - j_{sa} + 1)! \cdot (j_{ik} - j_{sa} - j_{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (l_{sa} + j_{sa} - j_{ik} - j_{sa})!} \cdot$$

Q02; $\frac{(D - j_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$

Q00; $\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$

$$\sum_{j_{ik}=l_{ik}+n-D}^{a+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-1+1)}^{(l_{ik}+j_{sa}-1-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

Q05; $\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)}$ $\sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}$ $\sum_{n_{is}+j_s-j_{ik}-k_1}$

Q05; $\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)}$ $\sum_{n_s=n+Q8; -j_i+Q9;}$ $\sum_{n_{sa}+j^{sa}-j_i-k_3}$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(D - 1)!}{(n - l_j) \cdot (n - j_i)!} Q00;$$

$$Q00; \sum_{k=1}^{l-1+1} \sum_{(j_s=2)}$$

$$\sum_{l_{ik}+n}^{l-1+1} \sum_{(l_i - l - s + 1)} \sum_{(j_{sa}-1-j_{sa}^{ik}+2)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=n+l_k+Q8;-j_s+Q9;} \sum_{n_{is}=n+l_k+l_3+Q8;-j_s+Q9;} \sum_{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+l_k+Q8;-j^{sa}+Q9;)} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$\sum_{k=1}^{j_s} \sum_{j_s=j_{ik}-j_{sa}^{ik}}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}} \sum_{(j_{sa}=n+l_i+l_s-j_{ik}-j_{sa}^{ik})} \sum_{(j_i=j_s-j_{sa}^{ik})} \sum_{(j_s=j_{ik}-j_{sa}^{ik})}$$

$$\sum_{(n_i=n+l_i+l_s+Q23+1)} \sum_{(n_i=Q7+Q2)} \sum_{(n_{is}=n+l_i+Q8)} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-l_{k1})}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{ik}-l_{k2})} \sum_{(n_s=n_{sa}+j_{sa}^{ik}-j_i-l_{k3})}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D > l_i \wedge n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 - j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{ik} + j_{sa} - j_{sa} \wedge$$

$$j_{sa}^{ik} = j_i + j_{sa} - s \wedge j_{sa}^{ik} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$D \geq n < n \wedge Q2; \wedge$

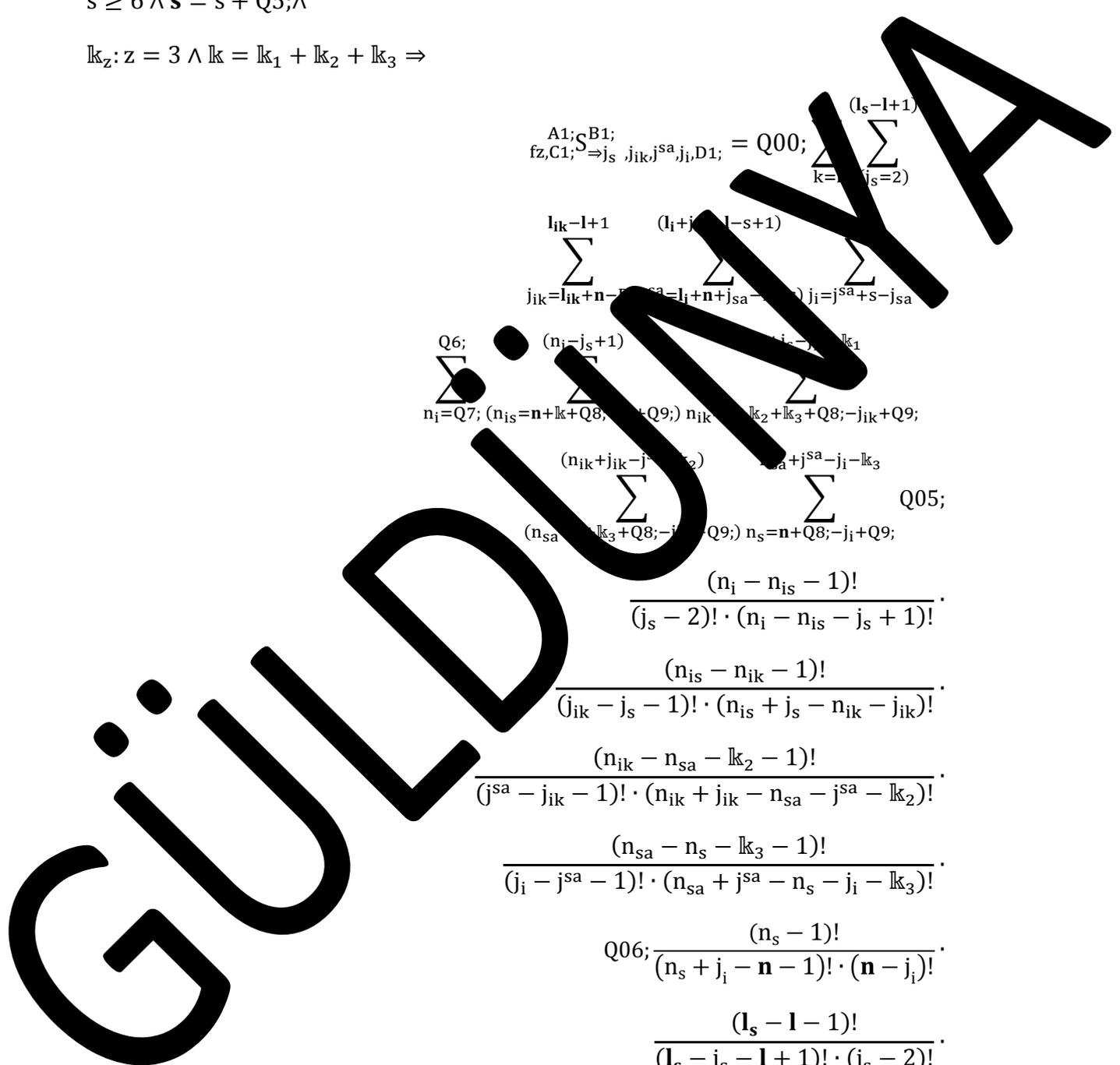
$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$$\begin{aligned}
 & \frac{A1; S^{B1}; fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{j_s=2}^{(l_s-1+1)}}{j_{ik} = l_{ik} + n - (j_{sa} - l_j + n + j_{sa} - 1) \sum_{j_i = j_{sa} + s - j_{sa}}^{(l_i + j_{sa} - l_s + 1)} \sum_{j_{ik} = l_{ik} + n - (j_{sa} - l_j + n + j_{sa} - 1)}^{(l_{ik} - l + 1)} \sum_{j_i = j_{sa} + s - j_{sa}}^{(l_i + j_{sa} - l_s + 1)}} \\
 & \frac{Q6; \sum_{n_i = Q7; (n_{is} = n + k + Q8; \dots + Q9); n_{ik} = k_2 + k_3 + Q8; - j_{ik} + Q9; (n_{ik} + j_{ik} - j_{sa} - l_j + n + j_{sa} - 1)}^{(n_i - j_s + 1)} \sum_{j_i = j_{sa} + s - j_{sa}}^{(l_i + j_{sa} - l_s + 1)} \sum_{j_{ik} = l_{ik} + n - (j_{sa} - l_j + n + j_{sa} - 1)}^{(l_{ik} - l + 1)} \sum_{j_i = j_{sa} + s - j_{sa}}^{(l_i + j_{sa} - l_s + 1)}}{Q05; \sum_{(n_{sa} = k_3 + Q8; - j_{sa} - l_j + n + j_{sa} - 1)}^{(n_{ik} + j_{ik} - j_{sa} - l_j + n + j_{sa} - 1)} \sum_{j_i = j_{sa} + s - j_{sa}}^{(l_i + j_{sa} - l_s + 1)} \sum_{j_{ik} = l_{ik} + n - (j_{sa} - l_j + n + j_{sa} - 1)}^{(l_{ik} - l + 1)} \sum_{j_i = j_{sa} + s - j_{sa}}^{(l_i + j_{sa} - l_s + 1)}} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}
 \end{aligned}$$



$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}}^{(I_s+j_{sa}-1)} \sum_{(j_{sa}^{sa}=I_i+n+j_{sa}-D-s)}^{(I_s+j_{sa}-1)} \sum_{j_{sa}^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_{sa}^{sa}+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-k_1}$$

$$\frac{(n_{sa}=n_{ik}-j_{sa}-k_3)}{(n_s - j_i - j_s - Q31;)!} \cdot \frac{(n + j_i - n - Q_{sa} - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}{(I_s - 1 - 1)! \cdot (j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q044;$$

$$((D \geq n < n \wedge I_i \neq I_s \wedge I_s \leq D - n + 1 \wedge$$

$$2 \leq I_i \leq D + I_s + s - n - I_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{sa} = j_i + j_{sa} - s \wedge j_{sa}^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$I_{ik} - j_{sa}^{ik} + 1 > I_i \wedge I_{ik} - j_{sa}^{ik} - j_{sa} > I_{ik} \wedge I_i + j_{sa} - s > I_{sa} \wedge$$

$$D - s - I_i < I_i \leq D + I_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge I_i \neq I_s \wedge I_s \leq D - n + 1 \wedge$$

$$2 \leq I_i \leq D + I_s + s - n - I_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{sa} = j_i + j_{sa} - s \wedge j_{sa}^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$I_i - s + 1 > I_s \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

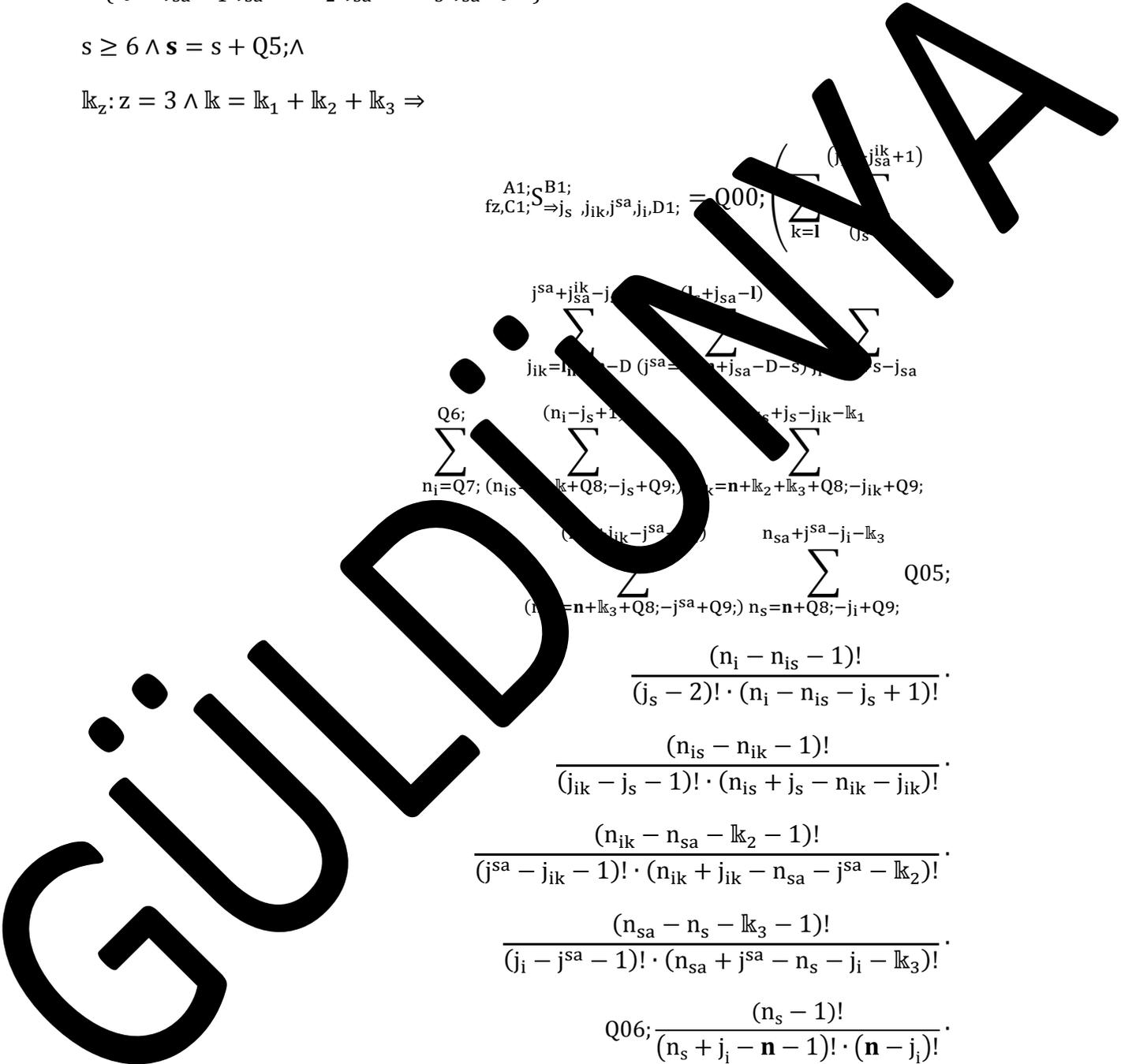
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}, \dots, l_{k_3}, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$l_z: z = 3 \wedge l_k = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$\begin{aligned}
& A1; S^B1; \text{fz,C1;} \Rightarrow j_s j_{ik} j_{sa} j_i D1; = Q00; \left(\sum_{k=1}^{j_{sa}^{ik}+1} \dots \right) \\
& \sum_{j_{ik}=1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} (j_{sa}-j_{sa}^{ik}) \sum_{j_s=j_{sa}-j_{sa}^{ik}}^{j_{sa}} (j_{sa}-j_s) \dots \\
& \sum_{n_i=Q7; (n_{is}=n_{ik}+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{l_k=n+l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9;} (n_i-j_s+1) \dots \\
& \sum_{(n_{is}=n+l_{k_3}+Q8; -j_{sa}+Q9;)}^{n_{sa}+j_{sa}-j_i-l_{k_3}} Q05; \dots \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!} \cdot \frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!} \cdot Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}
\end{aligned}$$



$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=l_s+j_{sa}-1-j_{sa}^{ik}+1)}^{(l_{ik}+j_{sa}-1-j_{sa}^{ik}+1)}$$

$$\sum_{n_i=Q_7; (n_{is}=n+k+Q_8; -j_{ik}+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q_5; j_{sa}+Q_9)}^{(n_{sa}+j_{sa}-j_{ik}-k_3)} \sum_{(n+Q_8; -j_i+Q_9)}^{(n+Q_8; -j_i+Q_9)}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q_06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\begin{aligned}
 & \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)} \\
 & \sum_{j_{ik}=I_{ik}+n-D}^{I_{ik}-1+1} \sum_{(j^{sa}=I_{ik}+j_{sa}-1-j_{sa}^{ik}+2)}^{(I_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i+Q9)}^{(n_{sa}+j^{sa}-j_i+Q9)} Q05; \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{ik} + j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{sa} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \left. \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} \right) Q02;
 \end{aligned}$$

$$Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right)$$

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$$\sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{ik}^{lk}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=l_i+n-D}^{(l_i+n+j_{sa}-D-s-1)} \sum_{l_i=l_i+1}^{l_i-1+1}$$

$$\sum_{n_i=Q_7}^{Q_6} \sum_{(n_{is}=n+l_k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+l_{k_3}+Q_8; -j_s+Q_9}^{n_{sa}+j^{sa}-j_i-l_{k_3}}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot \frac{(n_{is} - n_i - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{is} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!} \cdot \frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i + j^{sa} - 1)! \cdot (n_i + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{lk} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{lk} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{lk} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{lk} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=1}^{(j_{ik}-j_{sa}^{lk}+1)} \sum_{(j_s=2)}$$

$$\begin{aligned}
 & \sum_{j_{ik} = l_{ik} + n - D}^{j_{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(l_s + j_{sa} - 1)}^{(l_s + j_{sa} - 1)} \sum_{j_i = j_{sa} + s - j_{sa} + 1}^{l_i - l + 1} \\
 & \sum_{n_i = Q_7}^{Q_6} \sum_{(n_i - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + k_2 + k_3 + Q_8; -j_{ik} + Q_9}^{n_{is} + j_s - j_{ik} - k_1} \\
 & \sum_{(n_{sa} = n + k_3 + Q_8; -j_{sa} + Q_9)}^{(n_{ik} + j_{ik} - j_{sa} - k_2)} \sum_{(n_s = n + Q_8 + Q_9)}^{n_{sa} + j_{sa} - j_i - k_3} \\
 & \frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot \frac{(n_{is} - n_i - 1)!}{(j_{ik} - j_s + 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{ik} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_{sa} - j_{sa} - 1)! \cdot (n_i + j_{sa} - n_s - j_i - k_3)!} \\
 & \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s = 2)}
 \end{aligned}$$

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$$\sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} (l_{ik}+j_{sa}-1-j_{sa}^{ik}+1) \sum_{(j_{sa}=l_s+j_{sa}-1+1)} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-1+1}$$

$$\sum_{n_i=Q_7}^{Q_6} (n_i-j_s+1) \sum_{(n_{is}=n+l_k+Q_8;-j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_k_2+l_k_3+Q_8;-j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8;-j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{(n_s=n+Q_8+Q_9)}^{n_{sa}+j_{sa}-j_i-l_{k_3}}$$

$$\frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s+1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{ik}-l_{k_2}-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-l_{k_2})!}$$

$$\frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_{sa}-j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-l_{k_3})!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j_{sa}=l_{ik}+j_{sa}-1-j_{sa}^{ik}+2)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{(n_s=n+Q8;-j_s+Q9;)}^{(n_{sa}+j_{sa}-j_i-l_{k_3})}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - j_{sa} - l_{k_1} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{ik} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - j_{sa} - l_{k_2} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_{sa} - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-1)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j_s-j_{ik}}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

$$\frac{(j_s - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$$\left((D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge D + l_s + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_{ik} - k_1 + 1 > l_s \wedge l_s + j_{sa}^{ik} - j_{sa} > l_i \wedge j_{sa} - s > l_{sa} \wedge D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \vee (D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge D + l_s + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_s - s + 1 > l_s \wedge D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \right) \wedge D \geq n < n \wedge Q2; \wedge j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$s \geq 6 \wedge s = s + Q5; \wedge$

$lk_z: z = 3 \wedge lk = lk_1 + lk_2 + lk_3 \Rightarrow$

$$A1; S^{B1}; fz, C1; \Rightarrow j_s \cdot j_{ik} j^{sa} j_i, D1; = Q00; \left(\sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)} \right)$$

$$\sum_{j_{ik}=I_{ik}+n-D}^{I_{ik}-1+1} (j^{sa}=I_1+n+j_{sa}-D-s) \sum_{(j_s=2)}^{(I_{sa}-1+1)} j_i^{sa+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+lk+Q8;-j_s+Q9); n_{ik}=lk_2+lk_3+Q8;-j_{ik}+Q9;}$$

$$\sum_{(n_{sa}=lk_3+Q8;-j_s+Q9); n_s=n+lk_3+Q9;}$$

$$\frac{(n_{is} - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} - j_s + 1)!}$$

$$\frac{(n_{ik} - n_{ik} - 1)!}{(j_s - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - lk_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - lk_2)!}$$

$$\frac{(n_{sa} - n_s - lk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - lk_3)!}$$

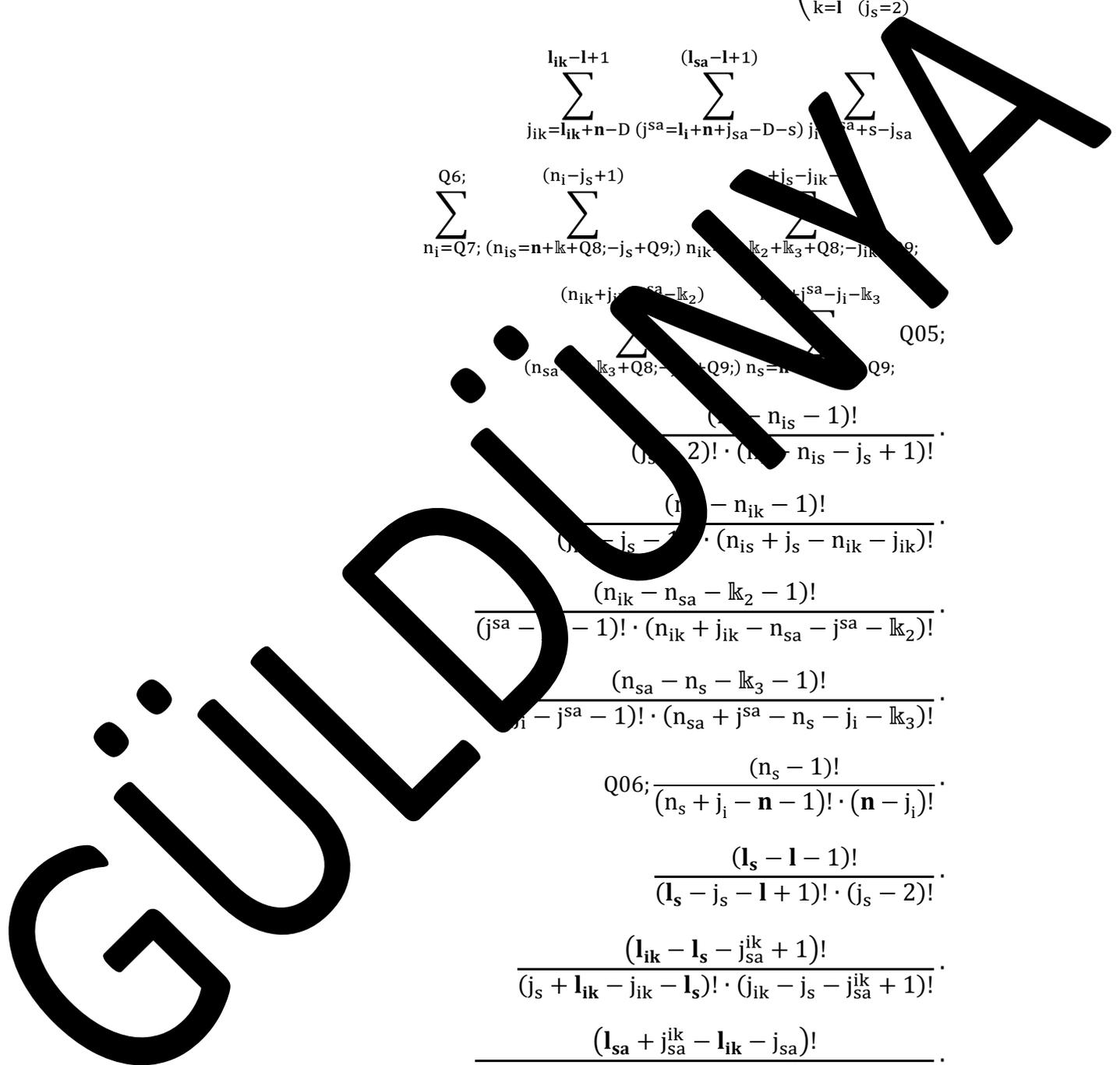
$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q02;$$



$$Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-1+1}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_{10}; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q_{11};)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-n-k_3)}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{is} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\begin{aligned}
 & \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-1+1} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q5; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)} \\
 & \sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{(j^{sa}-j_{ik}-k_3)} \quad Q05; \\
 & \frac{(n_i - j_s - 1)!}{(j_s - 2)! \cdot (n_i - j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_i + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{is} - j_{ik} - n_{sa} - j^{sa} - k_2)!} \\
 & \frac{(n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \\
 & \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;
 \end{aligned}$$

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$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}=n_s=n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_s - j_i - n - Q3; - j_{sa}^s)!}{(n_s - j_i - n - Q3; - j_{sa}^s)! \cdot (l_s - j_s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s = l - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_{ik} - j_{sa}^{ik} + j_s + j_{sa}^{ik} - 1 = j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_i = j_i + j_{sa} = j^{sa} + j_{sa} \leq j_i < n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i + s - l_i \leq l_i \leq D + l_i + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q$$

$$j_{sa} < j_{sa}^{ik} \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; j_{sa}^{ik}, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}-j_{ik}-n_{sa}-j^{sa}-k_2)}^{(n_{sa}-j_{ik}-n_{sa}-j^{sa}-k_2)} Q05;$$

$$\frac{(n_s - n_{is} - 1)!}{(j_s - 2)! \cdot (n_s + j_s - 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=\mathbf{n}+\mathbf{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbf{k}_2+\mathbf{k}_3+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-\mathbf{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbf{k}_3+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbf{k}_2)} \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{n_{s_a}+j^{s_a}-j_i-\mathbf{k}_3} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!}$$

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbf{k}_2)!}$$

$$\frac{(n_s - n_{i_s} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{s_a} - j_i - \mathbf{k}_3)!}$$

$$Q000; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(D - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{i_k} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}$$

$$\sum_{j_{i_k}=l_i+n+j_{s_a}^{i_k}-D-s}^{l_{i_k}-l+1} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})}^{(\quad)} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{i_s}=\mathbf{n}+\mathbf{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{i_k}=\mathbf{n}_{i_s}+j_s-j_{i_k}-\mathbf{k}_1)}$$

$$\sum_{(n_{s_a}=\mathbf{n}_{i_k}+j_{i_k}-j^{s_a}-\mathbf{k}_2)}^{(\quad)} \sum_{(n_s=\mathbf{n}_{s_a}+j^{s_a}-j_i-\mathbf{k}_3)}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q44;$$

$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s \leq l_{sa}$

$D + s - n < l_i \leq D + l_{sa} + s - n \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_s, \dots, k_3, j_{sa}^{ik}, \dots, k_4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$\begin{matrix} A1, C1; \\ B1; \\ S \Rightarrow j_s \end{matrix} j_{ik} j_{sa}^{sa} j_i, D1; = Q00; \left(\sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$

$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$

$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l_i - 1)!}{(l_s + j_i - l + 1)! \cdot (l - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - j_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=l_{ik}-l+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{()}$$

$$Q6; \sum_{(n_{is}=n+k+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8; -j_i+Q9)}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q0; \left(\sum_{k=1}^{j_s} \sum_{j_s=j_{ik}-j_{sa}^{ik}}^{j_s} \right)$$

$$\sum_{j_{ik}=1}^{l_i+n+j_{sa}^{ik}-D} \sum_{j_s=1}^{j_s-s-1} \sum_{j_i=1}^{j_i+s-l-j_{sa}+1} \dots$$

$$Q6; \sum_{j_{ik}=1}^{(n_i-j_s+1)} \sum_{j_s=1}^{(j_s-j_{ik}-k_1)} \dots$$

$$Q7; (n_{is}=l_{is}+Q8;-j_s+Q9); \dots$$

$$Q5; \sum_{j_{ik}=1}^{(n_{ik}-j_{sa}^{ik}-k_2)} \sum_{j_s=1}^{n_{sa}+j_{sa}^{ik}-j_i-k_3} \dots$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+...)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{(j_s=j_{sa}^{ik}+2)}^{(l_i+1)}$$

$$\sum_{n_i=Q7; (n_i=n+k+Q8; -j_i=Q9)}^{Q6; (n_i-j_s+1)} \sum_{(j_s+j_s-j_{ik}-k_1)}^{(n_i-j_s+1)} \sum_{(k_2+k_3+Q8; -j_{ik}+Q9)}^{(n_i-j_s+1)}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\begin{aligned}
 & \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q4; -j_{ik}+Q9;}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s+n+Q8; -j_i+Q9;)}^{(n_{sa}-j_{sa}-k_3)} Q05; \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_s + j_i - 1)!} \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{ik} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \\
 & \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04; \\
 & Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}
 \end{aligned}$$

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$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}} \sum_{n_i=Q7;+Q22}^{Q20; (n_i-j_s-Q23;+1)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{n_s=n_{sa}+j_i-k_3} \frac{(n_s+j_i-j_s-s-Q31)!}{(n_s+j_i-n-Q31; -j_s-1) \cdot (n+j_{sa}-s)!} \cdot \frac{(n_s-1-1)!}{(n_s-1+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(n+j_i-n-l_i)! \cdot (n-j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{sa} + j_{sa} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{ik} + 1 = l_s + j_{sa}^{ik} - j_{sa} > l_{sa} \wedge l_{sa} - j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_{sa} \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa}^{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, k_1, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \leq 6 \wedge s \leq s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$f_{z,C1;S \Rightarrow j_s}^{A1;S B1; j_{ik} j^{sa} j_i D1;} = Q00; \left(\sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_s+Q9;}^{n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_i - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_i - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_s - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_i + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) Q02;$$

$$Q00; \left(\sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

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$$\sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)} \quad Q05;$$

$$(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;) n_s=n+Q8;-j_i+Q9;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - k_2)!}$$

$$\frac{(n_{sa} - n_i - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_s - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(j_i + j_{sa} - l_{sa} - s)!}{(j_i + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \binom{()}{}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;)}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)} \quad Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + j_i - n - j_s - 1)!}{(n_s + j_i - n - j_s - 1)!}$$

$$\frac{(l_s - l - 1)!}{(j_s - l - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (n_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(n_s + j_{sa} - l_{sa} - s)!}{(n_s + l_i - j_i - s)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$B1; \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{j_s=j_{ik}-j_{sa}^{ik}+1} = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}^{ik}-D-s)}^{(l_i+j_{sa}^{ik}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}$$

$$\frac{(D - j_i - l_i)!}{(D + j_i - l_i)! \cdot (l_i - j_i)!} Q02;$$

$$Q00; \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_i+j_{sa}^{ik}-l_{ik}-j_{sa})} \sum_{j_{sa}^{ik}=j_i+1}^{(l_i+j_{sa}^{ik}-l_{ik}-j_{sa})} \sum_{j_{sa}^{ik}=j_i+1}^{(l_i+j_{sa}^{ik}-l_{ik}-j_{sa})}$$

$$\sum_{j_i=j^{sa}+s-j_{sa}}^{(l_i+j_{sa}^{ik}-l_{ik}-j_{sa})} \sum_{j_{sa}^{ik}=j_i+1}^{(l_i+j_{sa}^{ik}-l_{ik}-j_{sa})} \sum_{j_{sa}^{ik}=j_i+1}^{(l_i+j_{sa}^{ik}-l_{ik}-j_{sa})}$$

$$\sum_{j_i=j^{sa}+s-j_{sa}}^{(l_i+j_{sa}^{ik}-l_{ik}-j_{sa})} \sum_{j_{sa}^{ik}=j_i+1}^{(l_i+j_{sa}^{ik}-l_{ik}-j_{sa})} \sum_{j_{sa}^{ik}=j_i+1}^{(l_i+j_{sa}^{ik}-l_{ik}-j_{sa})}$$

$$\sum_{j_i=j^{sa}+s-j_{sa}}^{(l_i+j_{sa}^{ik}-l_{ik}-j_{sa})} \sum_{j_{sa}^{ik}=j_i+1}^{(l_i+j_{sa}^{ik}-l_{ik}-j_{sa})} \sum_{j_{sa}^{ik}=j_i+1}^{(l_i+j_{sa}^{ik}-l_{ik}-j_{sa})} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q04;}$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j_s=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)}$$

$$Q20; \sum_{n_i=Q7-Q22; (n_{is}=n+Q8; j_s=j_{ik}-l_{k1})}^{(n_i-j_s-Q23;+1)} \sum_{(n_{sa}=n_{ik}-j_{sa}-l_{k2}; n_{sa}+j_{sa}-j_i-l_{k3})}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(j_i - j_s - Q31; j_{sa})! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l \neq 1 \wedge l_s \leq n - 1 \wedge$$

$$2 \leq l \leq D + l_s + s - 1 \wedge l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa} - j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_{sa}^{ik} \leq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

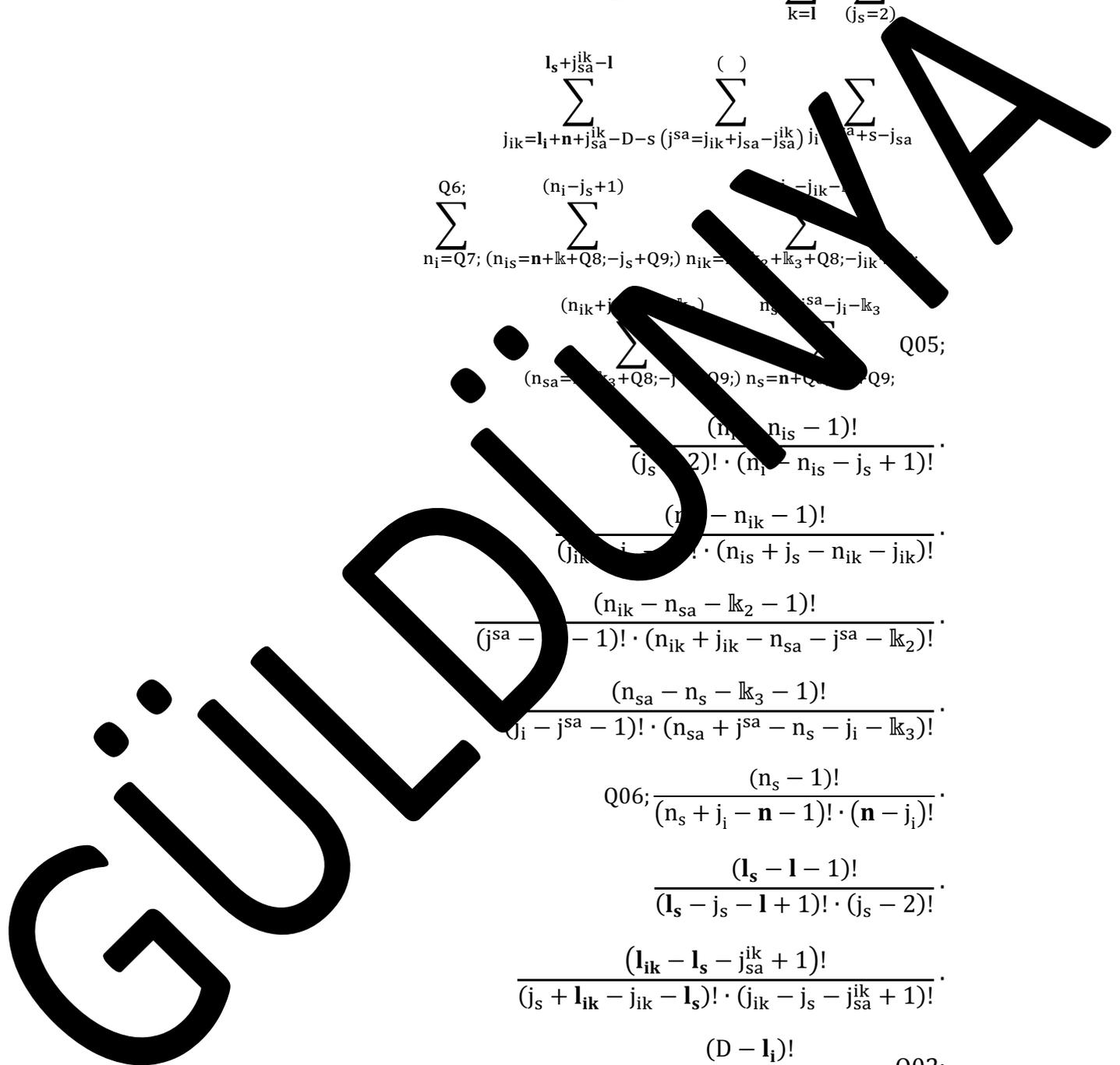
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, l_{k1}, j_{sa}^{ik}, \dots, l_{k2}, j_{sa}, \dots, l_{k3}, j_{sa}^i, Q4; \} \wedge$$

$s \geq 6 \wedge s = s + Q5; \wedge$

$lk_z: z = 3 \wedge lk = lk_1 + lk_2 + lk_3 \Rightarrow$

$$\begin{aligned}
 & \overset{A1; S^{B1};}{fz, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; } = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_s+s-j_{sa}} \\
 & \sum_{n_i=Q7; (n_{is}=n+lk+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{(n_{ik}=n+lk_2+lk_3+Q8;-j_{ik})} \sum_{(n_{sa}=n+lk_3+Q8;-j_{sa})} \sum_{(n_s=n+Q9;-j_s)} \\
 & \frac{(n_{ik}+j_{ik}-n_{sa}-lk_2-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-j_i-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \cdot \frac{(n_{ik}-n_{sa}-lk_2-1)!}{(j^{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-lk_2)!} \cdot \frac{(n_{sa}-n_s-lk_3-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-lk_3)!} \\
 & \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!} \\
 & \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} Q02; \\
 & Q06; \sum_{k=1} \sum_{(j_s=2)}^{(l_s-1+1)}
 \end{aligned}$$



$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{l_s+j_{sa}^{ik}-l-s+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8; -j_{ik}+}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{n_s=n+Q8; -j_s+Q9;)}^{n_{sa}+j_{sa}-j_i-l_{k_3}}$$

$$\frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s+1)! \cdot (n_{is}+j_{ik}-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{is}-l_{k_2}-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-l_{k_2})!}$$

$$\frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_i-j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-l_{k_3})!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; +Q22; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q20; (n_i-j_s-Q23; +1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

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$$\frac{\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} Q044$$

$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq l_i - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_{sa} + j_{sa}^{ik} - 1 \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i - n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s - j_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \}$

$s > 6 \wedge s = \dots + Q5; \wedge$

$k_z: z = 3 \wedge k = \dots + k_2 + \dots \Rightarrow$

$A1; B1; fz, C1; S \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$

$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+l_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_2)} \sum_{n_{sa}+j^{sa}-j_i-l_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!}$$

$$\frac{(n_{ik} - n_{sa} - l_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_2)!}$$

$$\frac{(n_{sa} - n_{is} - l_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_{is} - j_i - l_3)!}$$

$$\frac{(n_{is} - 1)!}{(n_{is} + j_s - n_{is} - j_s) \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - j_s + 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+l_3+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^i - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, \dots, k_4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 \wedge k_3 \Rightarrow$$

$$\sum_{k=1}^{A1; S B1; z, C1; S \Rightarrow} \sum_{j_{ik} j_{sa}^{sa}, j_i, D1; } = Q00; \left(\sum_{k=1}^{()} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_i + n + j_{sa}^{ik} - D - s - 1} \sum_{(j^{sa} = l_{sa} + n - D)}^{(l_{sa} - l + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; (n_{is} = n + k + Q8; -j_s + Q9;)}^{Q6; (n_i - j_s + 1)} \sum_{n_{ik} = n + k_2 + k_3 + Q8; -j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - k_1}$$

$$\sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{n_s = n + Q8; -j_i + Q9;}^{n_{sa} + j^{sa} - j_i - k_3} \text{ Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - 1)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(n - l_i)!}{(n - n - l_i + 1)! \cdot (n - j_i)!}$$

$$\sum_{s=1}^n \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_{sa}-l+1}$$

$$Q6; \sum_{n_i=(n_{is}-n_{ik}+Q8;-j_s+Q9)}^{n_{is}+j_s-j_{ik}-k_1} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}$$

$$\frac{(n_{ik}+j_{ik}-j^{sa}-k_2)!}{(n_{sa}+n+k_3+Q8;-j^{sa}+Q9)!} \frac{n_{sa}+j^{sa}-j_i-k_3}{(n_s=n+Q8;-j_i+Q9)!} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$Q00; \left(\sum_{k=1}^{()} \sum_{(j_s=j)}^{()} j_{sa}^{ik+1} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j_{sa}=l_{sa}+n-)}^{(j_i=l_i+n-D)} \sum_{(j_i=l_i+n-D)}^{(j_i=l_i+n-D)} l_{sa}^{ik} + 1$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -)}^{(n-i_j+1)} \sum_{(n_{ik}=l_k+l_{k3}+Q8; -j_{ik}+Q9;)} \sum_{(n_{sa}=l_{k2}+Q8; -)}^{(n_{sa}+j_{sa}-j_i-l_{k3})} \sum_{(n_s=n+Q8; -j_i+Q9;)} \dots$$

$$Q05; \sum_{(n_{sa}=l_{k2}+Q8; -)}^{(n_{ik}+j_{ik}-j_{sa}^{ik})} \sum_{(n_s=n+Q8; -j_i+Q9;)} \dots$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j_{sa}^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}-l-j_{sa}+2}^{l_i-l+1}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_{is}+j_s-j_{ik})} \sum_{(n_{ik}+k_2+k_3+Q8;-j_s+Q9)}^{(n_{is}+j_s-j_{ik})}$$

$$\frac{(n_{ik}+j_{ik}-j_{sa}-k_2) \cdot (j_{sa}-j_i-k_3)}{(n_{sa}+k_3+Q8;-j_s+Q9) \cdot (n_{is}+Q9)}$$

$$\frac{(n_{is}-1)!}{(n_{is}-2)! \cdot (n_{is}-j_s+1)!}$$

$$\frac{(n_{ik}-1)!}{(n_{is}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!}$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}^{sa}-l_{ik})! \cdot (j_{sa}^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}^{sa}-s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q9; j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-n_{ik}-j_{ik}-k_3)}^{(n_{sa}-j_{sa}-k_3)} Q05;$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_s-2)! \cdot (n_{is}-j_s+1)!}$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}-j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(n_{sa}-j_{ik}-1)! \cdot (n_{sa}-j_{ik}-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i-j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!}$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!}$$

$$\left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

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$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-1}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}^{()}$$

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}^{(n_i-j_s-Q23;+1)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j_{sa}-j_i-k_3}^{()}$$

$$\frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - n - Q31; -j_{sa} - 1) \cdot (n + j_{sa} - s)!}$$

$$\frac{(l_s - 1)!}{(l_s - 1 + Q4) \cdot (j_s - 2)!}$$

$$\frac{(Q - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$
 $2 \leq l \leq D + l_s + s - n - l_i \wedge$
 $1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa} + j_{sa} - j_{sa} \wedge$
 $j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$
 $l_{ik} - j_{ik} + 1 > l_s \wedge j_{sa}^{ik} + j_{sa} - j_{sa} = l_s \wedge j_{sa} - s > l_{sa} \wedge$
 $l_s - n < D + l_s + s - n - j_{sa} \wedge$
 $D \geq n < n \wedge Q2; \wedge$
 $j_{sa} < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$
 $s: \{Q3; j_{sa}^s, k_1, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$
 $s \leq 6 \wedge s \leq s + Q5; \wedge$
 $k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$$f_{z,C1;S \Rightarrow j_s}^{A1;S B1; j_{ik} j^{sa} j_i, D1;} = Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_7}^{Q_6} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{n_s=n+Q_8+j_{sa}+Q_9}^{n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_i-1)!}{(j_s-2) \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s) \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-j_{sa}) \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_{sa}-j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_7}^{Q_6} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1}$$

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$$\sum_{(n_{sa}=n+k_3+Q_8;-j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)}^{(n_{sa}+j^{sa}-j_i-k_3)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_s + j_s - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=l_i+n-D}^{l_i-1+1}$$

$$\sum_{n_i=Q_7; (n_{is}=n+k+Q_8;-j_s+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q_8;-j_{ik}+Q_9)}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8;-j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - 1)!} \cdot$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$

$$\frac{(l_s - l_i - 1)!}{(l_s - l_i - 1 + 1)! \cdot (l_i - 1)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_s + 1)!}{(j_s + l_{ik} - 1)! \cdot (j_{ik} - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_i - l_{sa} - 1)!}{(j^{sa} + l_i - j_i - l_{sa} - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(l_i - l_j)!}{(D - l_i - n - l_j)! \cdot (n - j_j)!} +$$

$$\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s - l_{sa} - 1} \sum_{(j_s=2)}^{(j_s=2)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-1+1}$$

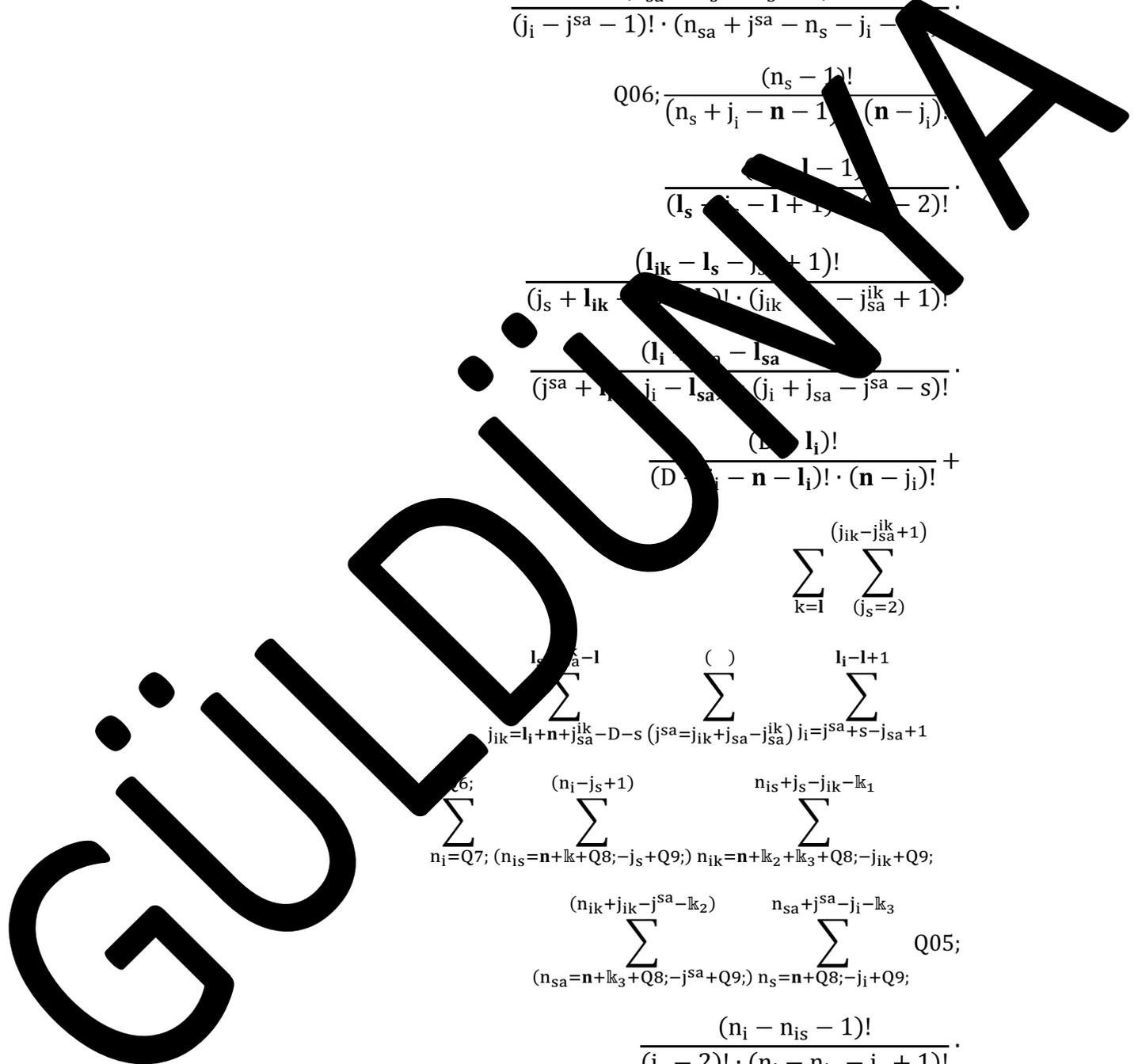
Q6; $\sum_{n_i=Q7}^{(n_i - j_s + 1)} \sum_{(n_{is}=n+k+Q8; -j_s+Q9)}^{(n_i - j_s + 1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9}^{n_{sa}+j^{sa}-j_i-k_3} \quad \text{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$



$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - s)!}$$

$$\frac{(l_i - 1)!}{(j_i - n - 1)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{l_i-1+1} \sum_{(j_s=2)}$$

$$\sum_{(j_s=2)}^{l_{ik}-1+1} \sum_{(j_i=j^{sa}+s-j_{sa}+1)}^{l_i-1+1}$$

$$Q6; \sum_{(n_{is}=n+k_2+k_3+Q8;-j_s+Q9)}^{(j_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

Q0; $\sum_{k=1}^{j_s} \sum_{j_s=j_{ik}-j_{sa}^{ik}}$

$$\sum_{j_{ik}=l_i+n+1}^{l_s+j_{sa}^{ik}-1} \sum_{j_i=1}^{D-s} \sum_{j_s=j_{ik}-j_{sa}^{ik}}^{j_s} \sum_{j_i=1}^{j_s-j_{sa}^{ik}}$$

$$\sum_{j_s=n+k+Q8}^{(n_i-j_s+Q23)+1} \sum_{j_i=1}^{j_s} \sum_{j_s=n+l_k+Q8}^{(n_i-j_s+Q23)+1} \sum_{j_i=1}^{j_s} \sum_{j_s=n+l_k+Q8}^{(n_i-j_s+Q23)+1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D - n + 1 \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 - j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned} & \left(\sum_{k=1}^{(I_s-1+1)} \sum_{j_s=2}^{(I_s-1+1)} \right) = Q00; \\ & \sum_{j_{ik}=I_i+n+j_{sa}^{ik}}^{I_{ik}-1+1} \sum_{j_i=j_{sa}^s+j_s-j_{sa}}^{(I_{ik}-1+1)} \sum_{j_i=j_{sa}^s+j_s-j_{sa}}^{(I_{ik}-1+1)} \\ & \sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_{ik}+Q9;)}^{Q6; (n_{is}+1)} \sum_{n_{ik}=k_2+k_3+Q8; -j_{ik}+Q9;}^{(n_{ik}+j_{ik}-j_{sa}^s)} \sum_{n_{sa}=j_{sa}^s-j_i-k_3}^{(n_{sa}+j_{sa}^s-j_i-k_3)} \sum_{n_s=n+Q8; -j_i+Q9;}^{(n_{sa}+j_{sa}^s-j_i-k_3)} Q05; \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa}^s - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa}^s - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa}^s - 1)! \cdot (n_{sa} + j_{sa}^s - n_s - j_i - k_3)!} \cdot Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \cdot \frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} \Big) Q02; \end{aligned}$$

$$Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=l_i+n}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}-j_{ik}-j^{sa}-k_2)}^{(n_{sa}-j_{ik}-j^{sa}-k_2)} Q05;$$

$$\frac{(n_s - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s - n_{is} - 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{is} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{sa} + j^{sa} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)}$$

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$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{\binom{()}{j_s=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q_6}^{Q_6; (n_i-j_s+1)} \sum_{(n_{is}=n+l+Q_8;-j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_2+l_3+Q_8;-j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_3+Q_8;-j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q_8;-j^{sa}+Q_9)}^{n_{sa}+j^{sa}-j_i-l_{k_3}}$$

$$\frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s+1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{ik}-l_{k_2}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_{k_2})!}$$

$$\frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j^{sa}-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-l_{k_3})!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!}$$

$$\left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) Q_{04};$$

$$Q_{000}; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{\binom{()}{j_s=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7; +Q22;}^{Q20;} \sum_{(n_{is}=n+k+Q8; -j_s+Q9;)}^{(n_i-j_s-Q23; +1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s)!} \cdot \frac{(l_s - 1 - j_{sa}^s)!}{(l_s - j_s - 1)! \cdot (l_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$

$D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq l_i - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s^{sa} + j_{sa}^{ik} - j_i \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_{sa} + j_{sa} \leq l_s \wedge$

$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$

$D \geq n < n \wedge Q2,$

$j_{sa}^{ik} < j_{sa}^{sa} - 1 \wedge j_{sa}^{ik} < j_{sa}^{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}^{sa}, j_{sa}^{sa}, Q4; \} \wedge$

$s \geq 6, j_{sa}^s = s + Q5; \wedge$

$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$

$\sum_{j_{ik}=l_{ik}-1+1}^{l_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\)} \sum_{j_i=l_i-1+1}^{l_i-1+1}$

$\sum_{n_i=Q7; }^{Q6;} \sum_{(n_{is}=n+k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9;)} \sum_{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{sa}+j^{sa}-j_i-l_{k_3})} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_{k_2})!}$$

$$\frac{(n_{sa} - n_i - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_s - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_s + j_{sa} - l_{sa} - s)!}{(n + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{(n_i=Q_7;+Q_{22}; (n_{is}=n+l_{k_3}+Q_8;-j_s+Q_9;)} \sum_{(n_i-j_s-Q_{23};+1)} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n_{sa}+j^{sa}-j_i-l_{k_3})}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$

$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} -$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^s, k_3, j_{sa}^s, k_4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 =$

$\overset{A1; S^{B1};}{fz, C1; \Rightarrow} j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$

$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$

$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$

$$\frac{(l_s - j_i - l + 1)!}{(l_s - j_i - l + 1)! \cdot (l - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_s + 1)!}{(j_s + l_{ik} - l_s - j_s + 1)! \cdot (j_{ik} - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_s - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_s - l_{ik})! \cdot (l_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

Q02; $\frac{(D - j_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$

Q00; $\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

Q6; $\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;} \frac{(n_i - j_s + 1)!}{(n_{is} + j_s - j_{ik} - k_1)!}$

Q05; $\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)} \frac{(n_{ik} + j_{ik} - j^{sa} - k_2)!}{(n_{sa} + j^{sa} - j_i - k_3)!} \cdot$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

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$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(D - 1)!}{(n - l_j) \cdot (n - j_i)!} Q00;$$

$$Q00; \sum_{k=1}^{l_{ik}-1+1} \sum_{(j_s=2)}$$

$$\sum_{(j_{ik}=l_s+1)}^{l_{ik}-1+1} \sum_{(j_{sa}=l-s+1)}^{j_{sa}-1-s+1} \sum_{(j_i=j^{sa}+s-j_{sa})}^{j_i=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$Q6; \sum_{n_i=n+l_{ik}+k_2+k_3+Q8;-j_s+Q9;}^{n_i=n+l_{ik}+k_2+k_3+Q8;-j_s+Q9;} \sum_{n_{is}=n+l_{ik}+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}=n+l_{ik}+k_2+k_3+Q8;-j_{ik}+Q9;} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q0; \sum_{k=1}^{j_s} \sum_{(j_s=j_{ik}-j_{sa}^{ik})}$$

$$\sum_{(j_{ik}=l_i+n+...)} \sum_{(j_s=j_{ik}-j_{sa}^{ik})} \sum_{(j_i=j_s-j_{sa}^{ik})} \sum_{(j_s=j_{ik}-j_{sa}^{ik})} \sum_{(j_i=j_s-j_{sa}^{ik})}$$

$$Q0; (n_i - j_{sa}^{ik} + 1)$$

$$Q7; + Q2; n_i = n + k + Q8; + Q9; n_{ik} = n_{is} + j_s - j_{ik} - k_1$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j_{sa} - k_2)} \sum_{(n_s = n_{sa} + j_{sa}^{ik} - j_i - k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s - j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$(Q \geq n \wedge n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge l \neq j_l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa})) \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

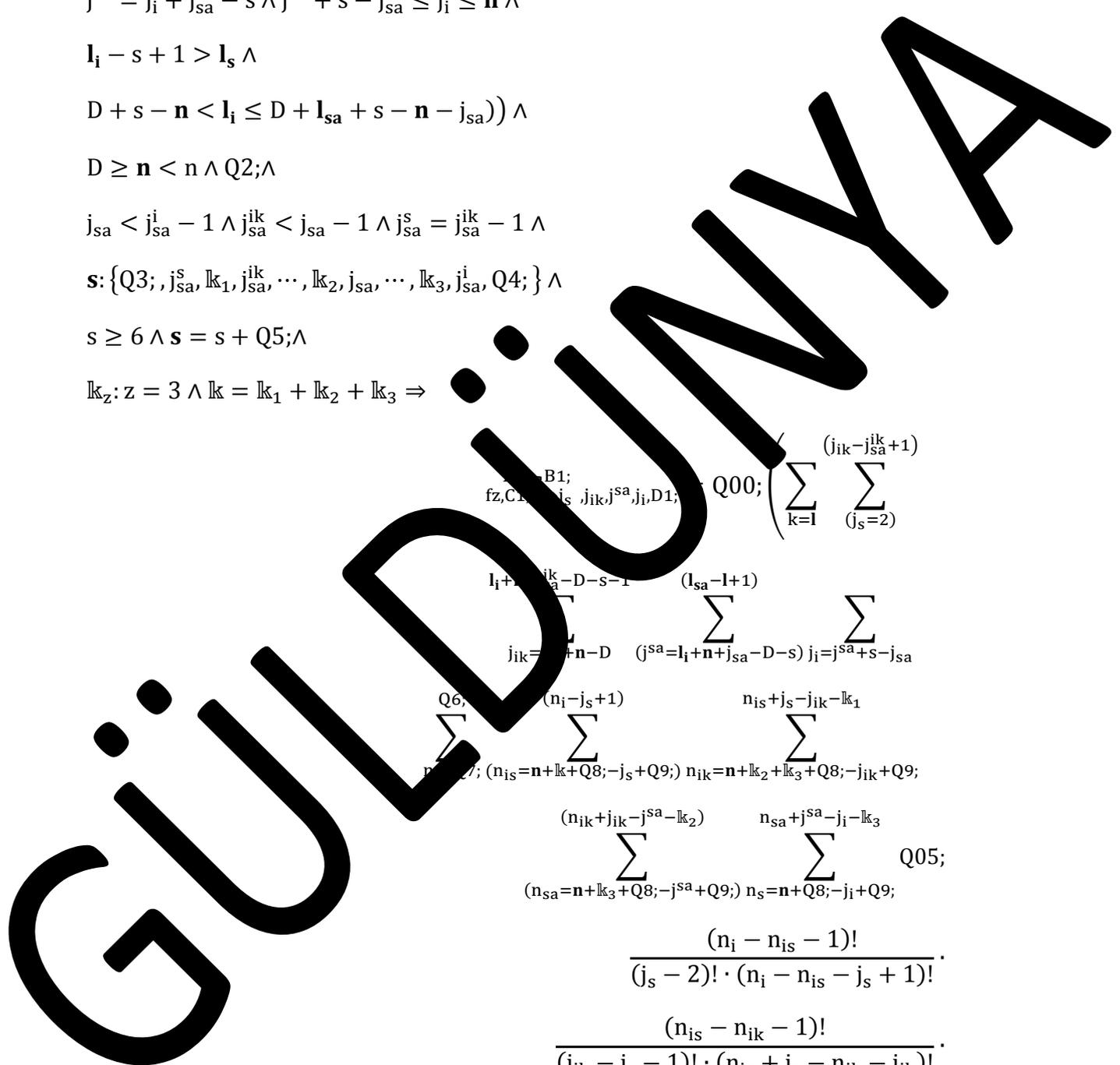
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned} & \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \dots Q00; \\ & \sum_{j_{ik}=j_s-n-D}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \dots \\ & \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-k_1} \dots \\ & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{n_{sa}+j^{sa}-j_i-k_3} \dots Q05; \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\ & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\ & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\ & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \end{aligned}$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} - l_{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(n - 1)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=2}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_i=0}^{l_s + j_{sa}^{ik}}$$

$$\sum_{j_{ik}=0}^{(j_{ik} - 1) + 1}$$

$$\sum_{j_i=j_{sa}^{sa} + s - j_{sa}}$$

$$j_i = l_s + n + j_{sa}^{ik} - D - s \quad (j_{ik} + j_{sa} - j_{sa}^{ik}) \quad j_i = j_{sa}^{sa} + s - j_{sa}$$

$$(n_{ik} - 1) + 1$$

$$n_{is} + j_s - j_{ik} - k_1$$

$$\sum_{n_i=Q7; (n_{is}=n+k_1+Q8; -j_s+Q9;)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}$$

$$\sum_{n_{ik}+j_{ik}-j_{sa}^{ik}-k_2}$$

$$\sum_{n_{sa}+j_{sa}^{sa}-j_i-k_3}$$

$$(n_{sa}=n+k_3+Q8; -j_{sa}^{sa}+Q9;) \quad n_s = n+Q8; -j_i+Q9;$$

Q05;

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa}^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa}^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa}^{sa} - 1)! \cdot (n_{sa} + j_{sa}^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i - l_i)!}$$

$$\sum_{k=1}^{l_s-1} \sum_{s=2}^{l_s-1+1}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}}^{l_{ik}-1+1} \sum_{(j_{sa}=j_{ik}+j_{sa}^{ik})}^{(l_s-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8, n_i+l_k+Q9)}^{(n_i-j_s+1)} \sum_{n_{ik}=l_k+l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9; n_{sa}=j^{sa}-j_i-l_{k_3}}^{(n_i-j_s+1)} \sum_{n_s=n+Q8; -j_i+Q9}^{l_{k_1}}$$

$$\sum_{(n_{sa}=l_{k_3}+Q8; -j_i+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8; -j_i+Q9}^{(n_{sa}+j^{sa}-j_i-l_{k_3})} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

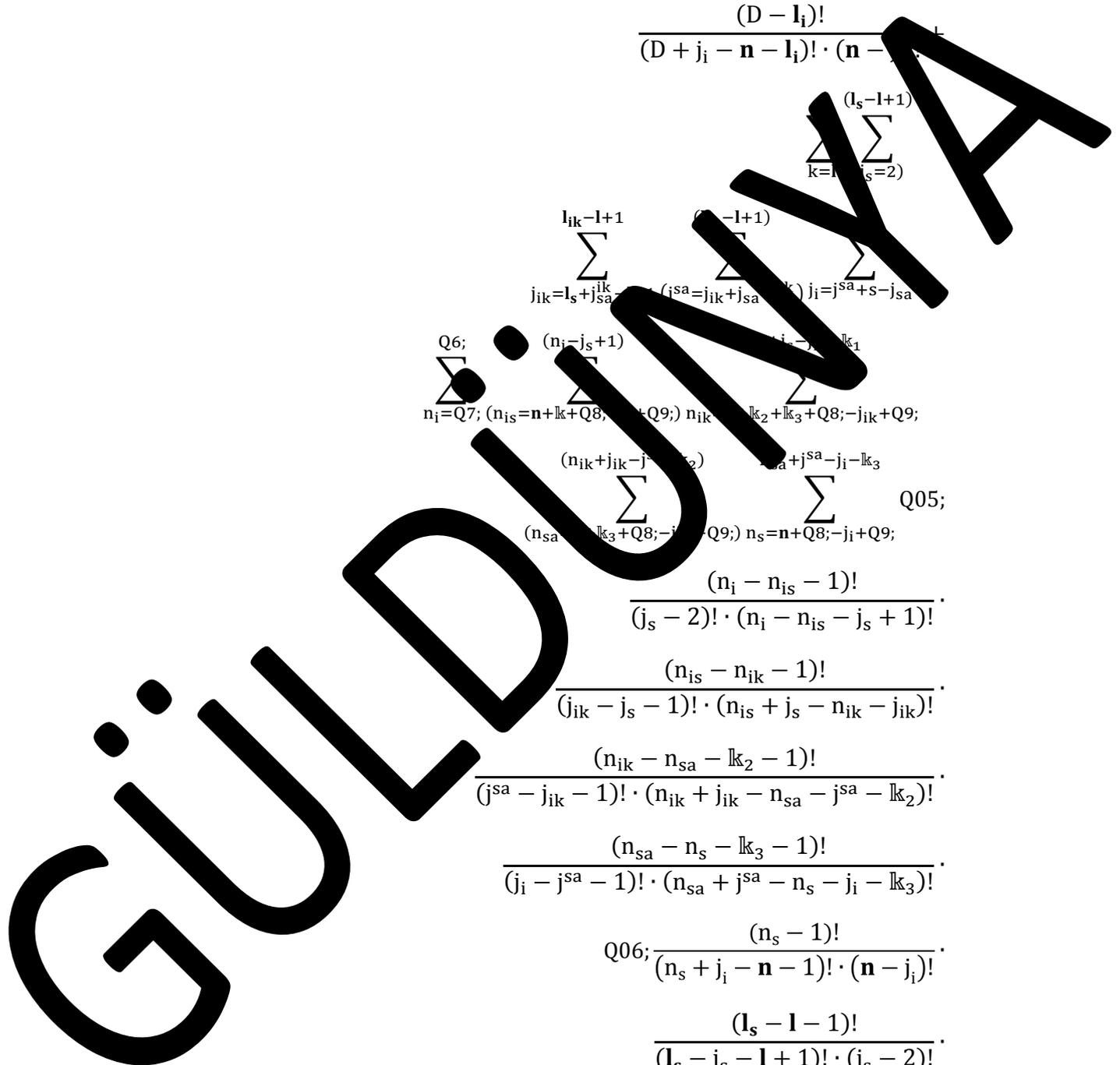
$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$



$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=I_{ik}+n-D}^{I_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=I_{sa}+n-D)}^{(j_{ik}+j_{sa}-j_{sa}^{ik}-1)} \sum_{j_i=I_i+n-D}^{I_{sa}+s-1-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=I_{ik}+n-D}^{(n_i-j_s+1)} \sum_{n_{ik}=I_{ik}+n-D}^{(n_i-j_s+1)}$$

$$\sum_{(n_{sa}=I_{sa}+n-D)}^{(n_{ik}+j_{sa}-I_{sa}-k_2)} \sum_{(n_{sa}=I_{sa}+n-D)}^{(n_{ik}+j_{sa}-I_{sa}-k_2)} \sum_{(n_{sa}=I_{sa}+n-D)}^{(n_{ik}+j_{sa}-I_{sa}-k_2)} Q05;$$

$$\frac{(n_{is} - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} - j_s + 1)!}$$

$$\frac{(n_{ik} - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(I_i + j_{sa} - I_{sa} - s)!}{(j^{sa} + I_i - j_i - I_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}-l-j_{sa}+2}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9); n_{ik}+k_2+k_3+Q8; n_{is}+k_2+k_3+Q9; Q6; (n_i-j_s+1)} \sum_{(n_{ik}+j_{ik}-j_{sa}-k_2)}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}+k_3+Q8; n_{sa}+Q9); n_{ik}+k_2+k_3+Q8; n_{is}+k_2+k_3+Q9; Q5; (n_{ik}+j_{ik}-j_{sa}-k_2)}^{+j_{sa}-j_i-k_3}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(n_{is} - 2)! \cdot (n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}}^{l_i-1+1}$$

$$\sum_{n_i=Q6;}^{Q6;} \sum_{(n_i=j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_3+Q_5+j_{ik}+Q_9;}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_3+Q_8;-j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{(n_{sa}+j_{sa}-n_{ik}-j_{ik}-l_{k_3})}^{(n_{sa}-j_{sa}-l_{k_3})} Q05;$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_s-2)! \cdot (n_{is}+j_s-1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \frac{(n_{ik}-n_{sa}-l_{k_2}-1)!}{(n_{sa}-j_{ik}-1)! \cdot (n_{sa}-j_{ik}-n_{sa}-j_{sa}-l_{k_2})!} \cdot \frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_i-j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-l_{k_3})!} \cdot Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}^{ik}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} + \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

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$$\begin{aligned}
 & \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \\
 & \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}^{ik}+1}^{l_i-1+1} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)} \sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)} Q05; \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \\
 & \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;
 \end{aligned}$$

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$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+s-1}^{(\cdot)}$$

$$Q20; \sum_{n_i=Q7;+Q22}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)}^{(\cdot)} \sum_{n_{ik}=n_{is}-j_{ik}-l_{k_1}}^{(\cdot)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-1)}^{(\cdot)} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}^{(\cdot)}$$

$$\frac{(n_s + j_i - n - Q31 - j_{sa}^s)!}{(n_s + j_i - n - Q31 - j_{sa}^s)! \cdot (n_s - j_s - 1)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i - 1)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq n - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_s + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - 1 \wedge j^{sa} + s - j_{sa} \leq j_i - n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_s + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n - l_i \leq D + l_i + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q3;$$

$$j_{sa} < j_{sa}^i \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}, \dots, l_{k_3}, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_k = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j}$$

$$\sum_{n_i=Q6; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q7;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{is}=n+k_3+Q8;-j_i+Q9)}^{(j^{sa}-j_{ik}-k_3)} Q05;$$

$$\frac{(n_i - n_s - 1)!}{(j_s - 2)! \cdot (n_s + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=\mathbf{n}+\mathbf{l}_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbf{l}_k_2+\mathbf{l}_k_3+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-\mathbf{l}_k_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbf{l}_k_3+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbf{l}_k_2)} \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{n_{s_a}+j^{s_a}-j_i-\mathbf{l}_k_3} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!}$$

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbf{l}_k_2)!}$$

$$\frac{(n_s - n_{i_s} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{s_a} - j_i - \mathbf{l}_k_3)!}$$

$$Q000; \frac{(n_s - 1)!}{(j_i - j_s - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(D - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{i_k} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(l_{i_k}-1-j_{s_a}^{i_k}+2)} \sum_{(j_s=l_i+n-D-s+1)}$$

$$\sum_{j_{i_k}=j_s+j_{s_a}^{i_k}-1} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{i_s}=\mathbf{n}+\mathbf{l}_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k}-\mathbf{l}_k_1)}$$

$$\sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-\mathbf{l}_k_2)}^{()} \sum_{(n_s=n_{s_a}+j^{s_a}-j_i-\mathbf{l}_k_3)}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq l - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s - l_{sa}$

$D + s - n < l_i \leq D + l_{ik} + s - n - l_{ik} \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^{ik}, k_3, j_{sa}^{ik}, k_4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$\overset{A1; S^B1; fz, C1; S \Rightarrow j_s, j_{ik}, j_{sa}^{ik}, j_i, D1;}{=} Q00; \sum_{k=1}^{(l_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$

$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$

$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$

$$\frac{(l_s - l_i - 1)!}{(l_s - j_i - l_i + 1)! \cdot (j_i - l_i - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!} \cdot$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$

Q00; $\sum_{k=1}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)}$

$$\sum_{(j_s + j_{sa}^{ik} - 1)}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j_i = j^{sa} + s - j_{sa})}$$

Q23; $\sum_{(n_i - j_s - Q23 + 1)} \sum_{(n_{is} = n + k + Q8; -j_s + Q9;)} \sum_{(n_{ik} = n_{is} + j_s - j_{ik} - k_1)}$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - k_2)}^{()} \sum_{(n_s = n_{sa} + j^{sa} - j_i - k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

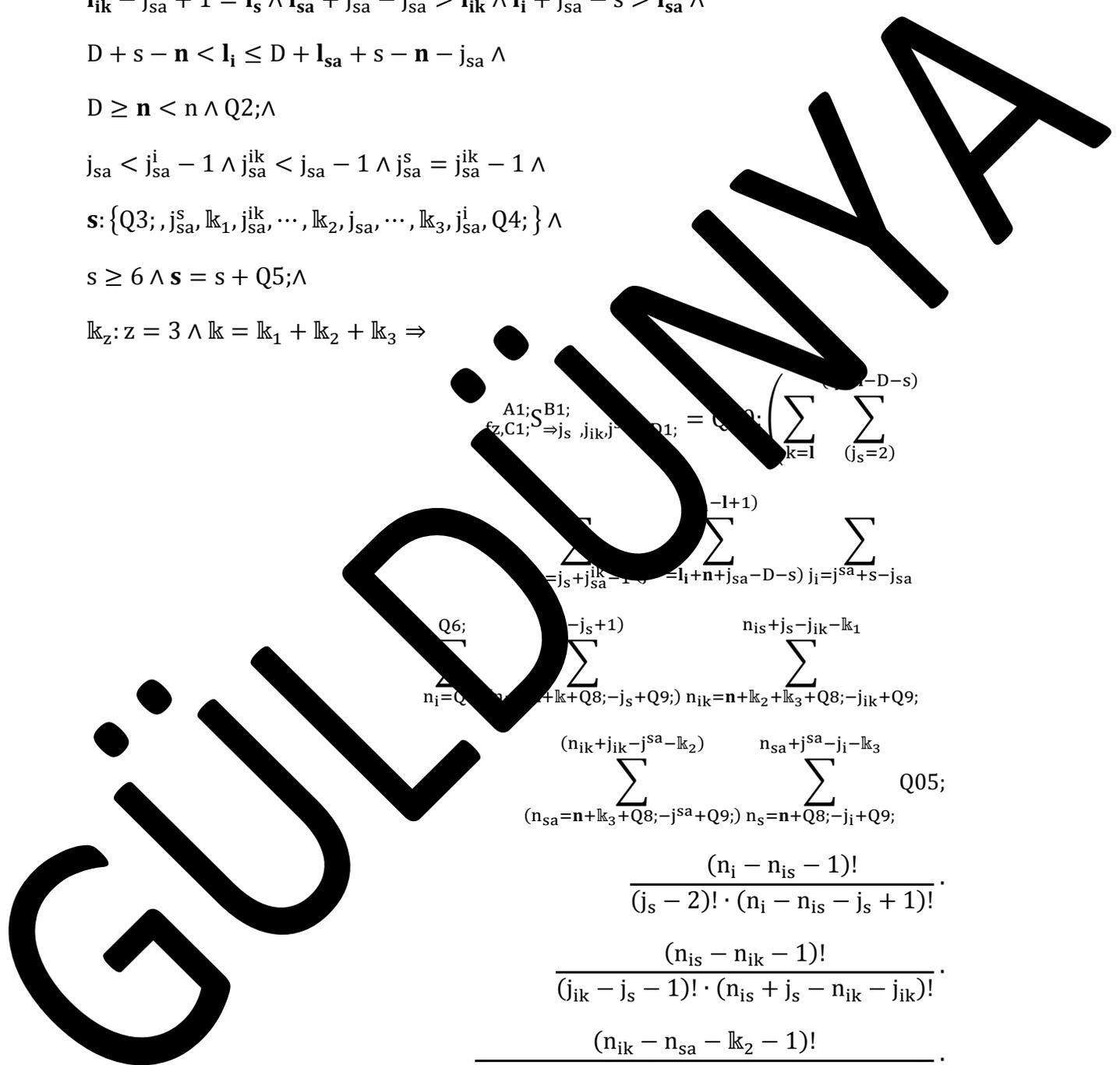
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{(n-D-s)} \sum_{(j_s=2)}^{(n-D-s)} \dots \\
 & \sum_{(j_s+j_{sa}^{ik}-1)}^{(n-1+1)} \sum_{(n+l+j_{sa}-D-s)}^{(n-1+1)} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(n-1+1)} \\
 & \sum_{(n_i=Q_6)}^{(n_i+j_{sa}-1)} \sum_{(n_{ik}=n+k_2+k_3+Q_8;-j_{ik}+Q_9)}^{(n_{is}+j_s-j_{ik}-k_1)} \\
 & \sum_{(n_{sa}=n+k_3+Q_8;-j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q_8;-j_i+Q_9)}^{(n_{sa}+j^{sa}-j_i-k_3)} \quad Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot
 \end{aligned}$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(l_{ik} - l - 1 + 2)$$

$$\sum_{j_s=l_i+n-D-5}^{\Delta}$$

$$(l_{sa} - l + 1)$$

$$\sum_{j_{ik}=j_{sa}^{ik}-1}^{\Delta} \sum_{j_{sa}=j_{sa}^{ik}}^{\Delta} (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})^{l_i - s - j_{sa}}$$

$$Q6; \sum_{n=Q7}^{(n_i - j_s + 1)} \sum_{(n_{is} = n + Q8; -j_s + Q9)}^{+j_s - j_{ik} - l_{k_1}} \sum_{(n_{ik} = n + l_{k_2} + l_{k_3} + Q8; -j_{ik} + Q9)}^{+j_s - j_{ik} - l_{k_1}}$$

$$Q05; \sum_{(n_{is} = n + l_{k_3} + Q8; -j_s + Q9)}^{(n_{is} = n + l_{k_3} + Q8; -j_s + Q9)} \sum_{n_{sa} = j_{sa}^{sa} - j_i - l_{k_3}}^{n_{sa} + j_{sa}^{sa} - j_i - l_{k_3}} \sum_{n_s = n + Q8; -j_i + Q9}^{n_s = n + Q8; -j_i + Q9}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(I_i+n-D-s)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_i+j_{sa}-s-1)} \sum_{(j^{sa}=I_{sa}+n-D)}^{I_{sa}+s-1-j_{sa}} \sum_{(j_i+n-D)}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}+k_2+k_3+Q8; n_{is}+j_s-j_{ik}+Q9;}$$

$$\frac{(n_{ik}+j_{ik}-j^{sa}-k_2) \cdot (j^{sa}-j_i-k_3)}{(n_{sa}+k_3+Q8; n_{sa}+Q9); n_{is}+j_s-j_{ik}+Q9;}$$

$$\frac{(n_{is} - 1)!}{(n_{is} - 2)! \cdot (n_{is} - j_s + 1)!}$$

$$\frac{(n_{ik} - 1)!}{(n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(I_i + j_{sa} - I_{sa} - s)!}{(j^{sa} + I_i - j_i - I_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}+s-l-j_{sa}+2}^{l_i-l+1}$$

$$\sum_{n_i=Q6; (n_{is}=n+k+Q8;-j_s+Q9)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q7-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}=n+k_3+Q8;-j_i+Q9)}^{(j^{sa}-j_{ik}-k_3)}$$

$$\frac{(n_i - n_s - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}$$

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$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(l_{sa}-l+1)} \sum_{l_i-l+1}^{j_i=j^{sa}+s-j_{sa}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_i - 1)}{(j_s - 2) \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - 1) \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{is} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1) \cdot (n_{ik} + j_s - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{is} + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_{i_s}=\mathbf{n}+\mathbf{l}_i+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{i_s}+j_s-j_{ik}-\mathbf{l}_{k_1}} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbf{l}_{k_2})}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbf{l}_{k_3}} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; - j_{sa}^s)! \cdot (n + j^{sa} - j_s - s)!} \cdot \frac{(\mathbf{l}_s - 1 - j_s)!}{(\mathbf{l}_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - \mathbf{l}_i)!}{(D + j_i - \mathbf{n} - \mathbf{l}_i)! \cdot (\mathbf{n} - j_i)!} \cdot Q44;$$

$D \geq \mathbf{n} < \mathbf{n} \wedge \mathbf{l}_i \neq j_i \wedge \mathbf{l}_s \leq D - \mathbf{n} + 1 \wedge$
 $D + \mathbf{l}_{ik} + s - \mathbf{n} - \mathbf{l}_i - j_{sa}^{ik} + 2 \leq \mathbf{l}_i \leq D + \mathbf{l}_{sa} + s - \mathbf{n} - \mathbf{l}_i - j_{sa}^{ik} + 1 \wedge$
 $1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$
 $j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$
 $\mathbf{l}_{ik} - j_{sa}^{ik} + 1 = \mathbf{l}_s \wedge \mathbf{l}_{sa} + j_{sa}^{ik} - j_{sa} > \mathbf{l}_{ik} \wedge \mathbf{l}_{sa} + j_{sa}^{ik} - j_{sa} \wedge$
 $D + s - \mathbf{n} < \mathbf{l}_i \leq D + \mathbf{l}_{sa} + s - \mathbf{n} - j_{sa} \wedge$
 $D \geq \mathbf{n} < \mathbf{n} \wedge Q2;$
 $j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa}^{ik} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$
 $s: \{Q3; j_{sa}^s, \mathbf{l}_{k_1}, j_{sa}^{ik}, \mathbf{l}_{k_2}, j_{sa}^{ik}, \mathbf{l}_{k_3}, j_{sa}^{ik}, Q4; \} \wedge$
 $s \geq 6; \mathbf{l}_i = s + Q5; \wedge$
 $\mathbf{l}_{k_z}: z = 3 \wedge \mathbf{l}_{k_z} = \mathbf{l}_{k_1} + \mathbf{l}_{k_2} + \mathbf{l}_{k_3} \Rightarrow$

$$A1;S^B1; \begin{matrix} fz,C1; \\ \Rightarrow j_s, j_{ik}, j_{sa}^{ik}, j_i, D1; \end{matrix} = Q00; \left(\sum_{k=1}^{(\mathbf{l}_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(\mathbf{l}_{sa}-1+1)} \sum_{(j^{sa}=\mathbf{l}_i+\mathbf{n}+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_3}+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_s - n_{sa} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{sa} - j_i - l_{k_3})!}$$

$$Q00; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_i+j_{sa}-s-1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_{sa}+s-l-j_{sa}+1} \sum_{j_i=l_i+n-D}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_3}+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + n_i - n - 1)!}{(n - j_i - 1)!}$$

$$\frac{(n - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_s - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_s - l_{ik})! \cdot (n_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(n_s + j_{sa} - l_{sa} - s)!}{(n_{sa} + l_i - j_i - s)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-1+1)} \sum_{j_i=l_{sa}+s-1-j_{sa}+2}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

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$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - j^{sa} - 1)!}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - 1)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l - s)!}{(j^{sa} + l_i - l - s)! \cdot (j_i + j_{sa} - l - j^{sa} - s)!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q00; $\sum_{k=1}^{(l_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}$

$$\sum_{k=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$

$$D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{j_s=1}^{(l_{ik} - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{(l_{ik} - j_{sa}^{ik} + 2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i-1+1)} \sum_{n_i=Q_6}^{(j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}+j_{ik}-j^{sa}-k_2)}^{(n_{sa}+j_{sa}-j_i-k_3)} \sum_{(n_{sa}=n+k_3+Q_8;-j^{sa}+Q_9)}^{(n_{sa}+j_{sa}-j_i-k_3)} \sum_{(n_s=n+Q_8;-j_i+Q_9)}^{(n_s+n+Q_8;-j_i+Q_9)} \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} = Q04;$$

$$(l_{ik} - l - j_{sa}^{ik} + 2)$$

$$\sum_{k=0}^{l_{ik} - l - j_{sa}^{ik} + 2} \sum_{l=0}^{D-s+1}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{j_{ik}=j_{ik}+j_{sa}^{ik}-j_{sa}} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$Q20; (n_i - j_s - Q2) - 1$$

$$\sum_{n_i=Q7+Q8}^{n_i=n+l_k+Q8; -j_s+Q9;} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-l_{k2})}^{()} \sum_{n_s=n_{sa}+j_{sa}-j_i-l_{k3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} = Q044;$$

$$D > n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa} = j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{(n-D-s)} \sum_{j_{ik}=0}^{(l_i+j_{sa}-1-j_{sa}^{ik}-1)} \sum_{j_{ik}=0}^{(l_i+j_{sa}-1-j_{sa}^{ik}-1)} \sum_{j_{ik}=0}^{(l_i+j_{sa}-1-j_{sa}^{ik}-1)} \\
 & \sum_{n_i=Q7; (n_i+n+k+Q8;-j_s+Q9)}^{Q6; (n_i-j_s)} \sum_{n_{is}=n+j_s-j_{ik}-k_1}^{(n_i-j_s)} \sum_{n_{is}=n+j_s-j_{ik}-k_1}^{(n_i-j_s)} \sum_{n_{is}=n+j_s-j_{ik}-k_1}^{(n_i-j_s)} \\
 & \sum_{n_s=n+k_3+Q8;-j^{sa}+Q9)}^{(n_i+j_{ik}-j^{sa}-1)} \sum_{n_s=n+k_3+Q8;-j^{sa}+Q9)}^{(n_i+j_{ik}-j^{sa}-1)} \sum_{n_s=n+k_3+Q8;-j^{sa}+Q9)}^{(n_i+j_{ik}-j^{sa}-1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}
 \end{aligned}$$

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$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=I_i+n-D-s+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(I_i+j_{sa}-1-s+1)} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{(j_{sa}+s-j_{sa})}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_i+n+k_2+k_3+Q8;-j_s+Q9;}$$

$$\frac{(n_{ik}+j_{ik}-j_{sa}^{ik}-k_2) \cdot (n_{sa}+j_{sa}-j_i-k_3)}{(n_{sa}-n+k_3+Q8;-j_s+Q9); n_i+n+k_2+k_3+Q8;-j_s+Q9;}$$

$$\frac{(n_{is}-1)!}{(n_{is}-2)! \cdot (n_{is}-j_s+1)!}$$

$$\frac{(n_{ik}-1)!}{(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}^{ik}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(n_{sa}-j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!}$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(I_s-1-1)!}{(I_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(I_{sa}+j_{sa}^{ik}-I_{ik}-j_{sa})!}{(j_{ik}+I_{sa}-j_{sa}^{ik}-I_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=I_i+n-D-s+1)}$$

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$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22}^{Q20; (n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

$$\frac{(j_s - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_j)!}{(n + j_i - n - l_j)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 = (j_s - 1 - 1)$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{ik} + j_{sa} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{ik} + 1 = l_s \wedge j_{sa}^{ik} + j_{sa} - j_{sa} \geq l_i \wedge j_{sa} - s = l_{sa} \wedge$$

$$D - s - n < j_s \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, k_1, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s \leq s + Q5; \wedge$$

$$k_z: z = 3, k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_{z,C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(I_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=I_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=n+l+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+l+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_i - 1)}{(j_s - 2) \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_i - 1)!}{(j_{ik} - \dots \cdot (n_{is} + \dots - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - \dots - k_2 - \dots)}{(j^{sa} - j_{ik} - \dots \cdot (n_{ik} + \dots - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - l - 1)!}{(I_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=I_i+n-D-s+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=n+l+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

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$$\frac{\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n_{sa}+j^{sa}-j_i-k_3)} (n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} \quad Q044$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \}$$

$$s \geq 6 \wedge s = \dots + Q5; \wedge$$

$$k_z: z = 3 \wedge k = \dots + k_2 + \dots \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

Q06; $\frac{(n_s - n_i - n_{is} - j_i - 1)!}{(n_s - n_i - n_{is} - j_i - 1)!}$

$$\frac{(n_i - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - 1 - j_{sa}^{ik} - 1)!}{(j_s + l_{ik} - j_{ik} - l_{sa}^{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

Q02; $\frac{(D - 1)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q00; $\sum_{k=1}^{(l_s - 1 + 1)} \sum_{(j_s = l_i + n - D - s + 1)}$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{j_{sa}^{ik} - 1 - s + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

Q7; $\sum_{(n_i = n + k + Q8; -j_s + Q9;)}^{(n_i - j_s + 1)}$ $\sum_{(n_{ik} = n + k_2 + k_3 + Q8; -j_{ik} + Q9;)}^{n_{is} + j_s - j_{ik} - k_1}$

Q05; $\sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)}$ $\sum_{(n_s = n + Q8; -j_i + Q9;)}^{n_{sa} + j^{sa} - j_i - k_3}$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

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$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} = Q04;$$

$$Q00; \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-l+1)} \sum_{j_i=j_{sa}^{ik}+s-j_{sa}}^{(D-s+1)} \dots$$

$$Q20; \sum_{n_i=Q7;+}^{(n_i-j_s-Q2)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9);} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} = Q044;$$

$$D \geq n < l \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{j_{ik}=0}^{j_{sa}^{ik}-1} \sum_{j_{sa}=0}^{j_{sa}-1} \sum_{j_i=0}^{j_{sa}-j_{ik}-k_1} \sum_{j_s=0}^{n+j_{sa}-j_{ik}-k_1} \sum_{j_{ik}=0}^{n+k_2+k_3+Q8-j_{ik}+Q9} \sum_{j_{sa}=0}^{n+k_3+Q8-j_{sa}+Q9} \sum_{j_i=0}^{n_s+j_{sa}-j_{ik}-k_3} \sum_{j_s=0}^{n_s+n+Q8-j_i+Q9} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}
 \end{aligned}$$

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$$\begin{aligned}
 & \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=1}^{(I_s - I + 1)} \sum_{(j_s = I_i + n - D - s + 1)}^{(I_s - I + 1)} \\
 & \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(I_{sa} - I + 1)} \sum_{(j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(I_{sa} - I + 1)} \sum_{(j_{sa} + s - j_{sa})} \\
 & \sum_{n_i = Q7; (n_{is} = n + k + Q8; -j_s + Q9); n_i + n + k_2 + k_3 + Q9}^{Q6; (n_i - j_s + 1)} \sum_{(n_{is} + j_s - j_{ik})}^{(n_{is} + j_s - j_{ik})} \sum_{(n_{ik} + j_{ik} - j_{sa} - k_2)}^{(n_{ik} + j_{ik} - j_{sa} - k_2)} \sum_{(n_{sa} + j_{sa} - j_i - k_3)}^{(n_{sa} + j_{sa} - j_i - k_3)} \\
 & \frac{(n_{ik} + j_{ik} - j_{sa} - k_2)! \cdot (n_{sa} + j_{sa} - j_i - k_3)!}{(n_{sa} - n + k_3 + Q9)! \cdot (n_{sa} + Q9)! \cdot (n_{ik} + Q9)!} \cdot \frac{(n_{is} - 1)!}{(n_{is} - 2)!} \cdot \frac{(n_{is} - j_s + 1)!}{(n_{is} - 1)!} \\
 & \frac{(n_{ik} - 1)!}{(n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(n_{sa} - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!} \\
 & \frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j_{sa} - I_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \left. \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} \right) Q02; \\
 & Q00; \left(\sum_{k=1}^{(I_i + n - D - s)} \sum_{(j_s = 2)}^{(I_i + n - D - s)} \right)
 \end{aligned}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_{sa}+s-1-j_{sa}+1}$$

$$\sum_{n_i=Q_7; (n_{is}=n+k+Q_8; -j_s+Q_9;)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9;}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j_{sa}+Q_9;)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_s=n+Q_8; -j_s+Q_9;)}^{n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_i - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - 1 - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_s - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i + j_{sa} - 1)! \cdot (n_i + j_{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}+s-1-j_{sa}+2}^{l_i-l+1}$$

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$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{iS}=\mathbf{n}+\mathbb{k}+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{iK}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8; -j_{iK}+Q9)}^{n_{iS}+j_s-j_{iK}-\mathbb{k}_1}$$

$$\sum_{(n_{sA}=\mathbf{n}+\mathbb{k}_3+Q8; -j^{sA}+Q9)}^{(n_{iK}+j_{iK}-j^{sA}-\mathbb{k}_2)} \sum_{(n_s=\mathbf{n}+Q8; -j_i+Q9)}^{n_{sA}+j^{sA}-j_i-\mathbb{k}_3} \quad Q05;$$

$$\frac{(n_i - n_{iS} - 1)!}{(j_s - 2)! \cdot (n_i - n_{iS} - j_s + 1)!}$$

$$\frac{(n_{iS} - n_{iK} - 1)!}{(j_{iK} - j_s - 1)! \cdot (n_{iS} - n_{iK} - j_{iK})!}$$

$$\frac{(n_{iK} - n_{sA} - 1)!}{(j^{sA} - j_{iK} - 1)! \cdot (n_{iK} + j_{iK} - n_{sA} - j^{sA} - \mathbb{k}_2)!}$$

$$\frac{(n_s - n_{iS} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{sA} - j_i - \mathbb{k}_3)!}$$

$$Q06 \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sA} + j_{sA}^{iK} - l_{iK} - j_{sA})!}{(j_{iK} + j_{sA} - j^{sA} - l_{iK})! \cdot (j^{sA} + j_{sA}^{iK} - j_{iK} - j_{sA})!}$$

$$\frac{(l_i + j_{sA} - l_{sA} - s)!}{(j^{sA} + l_i - j_i - l_{sA})! \cdot (j_i + j_{sA} - j^{sA} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - \mathbf{n} - l_i)! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{(l_s-l+1)} \sum_{(j_s=l_i+\mathbf{n}-D-s+1)}$$

$$\sum_{j_{iK}=j_s+j_{sA}^{iK}-1}^{(l_{sA}-l+1)} \sum_{(j^{sA}=j_{iK}+j_{sA}-j_{sA}^{iK})}^{l_i-l+1} \sum_{j_i=j^{sA}+s-j_{sA}+1}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{iS}=\mathbf{n}+\mathbb{k}+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{iK}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8; -j_{iK}+Q9)}^{n_{iS}+j_s-j_{iK}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q_8; -j_i+Q_9}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_{k_2})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_s + j_i - n - l_{k_3} - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_s - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(l_{sa} + j_{sa} - l_{sa} - s)!}{(l_i + l_j - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q_7;+Q_{22}; (n_{is}=n+l_k+Q_8; -j_s+Q_9)}^{(n_i-j_s-Q_{23};+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s \leq l_{sa}$$

$$D + s - n < l_i \leq D + l_{sa} + s - n \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^{ik}, k_3, j_{sa}^{ik}, k_4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{fz, C1; \Rightarrow j_s}^{A1; S B1; j_{ik}, j^{sa}, j_i, D1; } = Q00; \left(\sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s = 2)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_s - l + 1)} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; (n_{is} = n + k + Q8; -j_s + Q9;)}^{Q6; (n_i - j_s + 1)} \sum_{n_{ik} = n + k_2 + k_3 + Q8; -j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - k_1}$$

$$\sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{n_s = n + Q8; -j_i + Q9;}^{n_{sa} + j^{sa} - j_i - k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - 1)!}{(l_s + j_i - l + 1)! \cdot (l - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(n_s + j_i - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_s - 1 + 1)} \sum_{(j_s=2)} \right)$$

$$\sum_{k=j_s + j_{sa}^{ik} - 1}^{(j_i + j_{sa} - s - 1)} \sum_{(j^{sa} = l_{sa} + n - D)} \sum_{j_i = l_i + n - D}^{l_{sa} + s - 1 - j_{sa} + 1}$$

$$Q6; \sum_{(n_i = n + k + Q8; -j_s + Q9)}^{(n_i - j_s + 1)} \sum_{(n_{ik} = n + k_2 + k_3 + Q8; -j_{ik} + Q9)}^{n_{is} + j_s - j_{ik} - k_1}$$

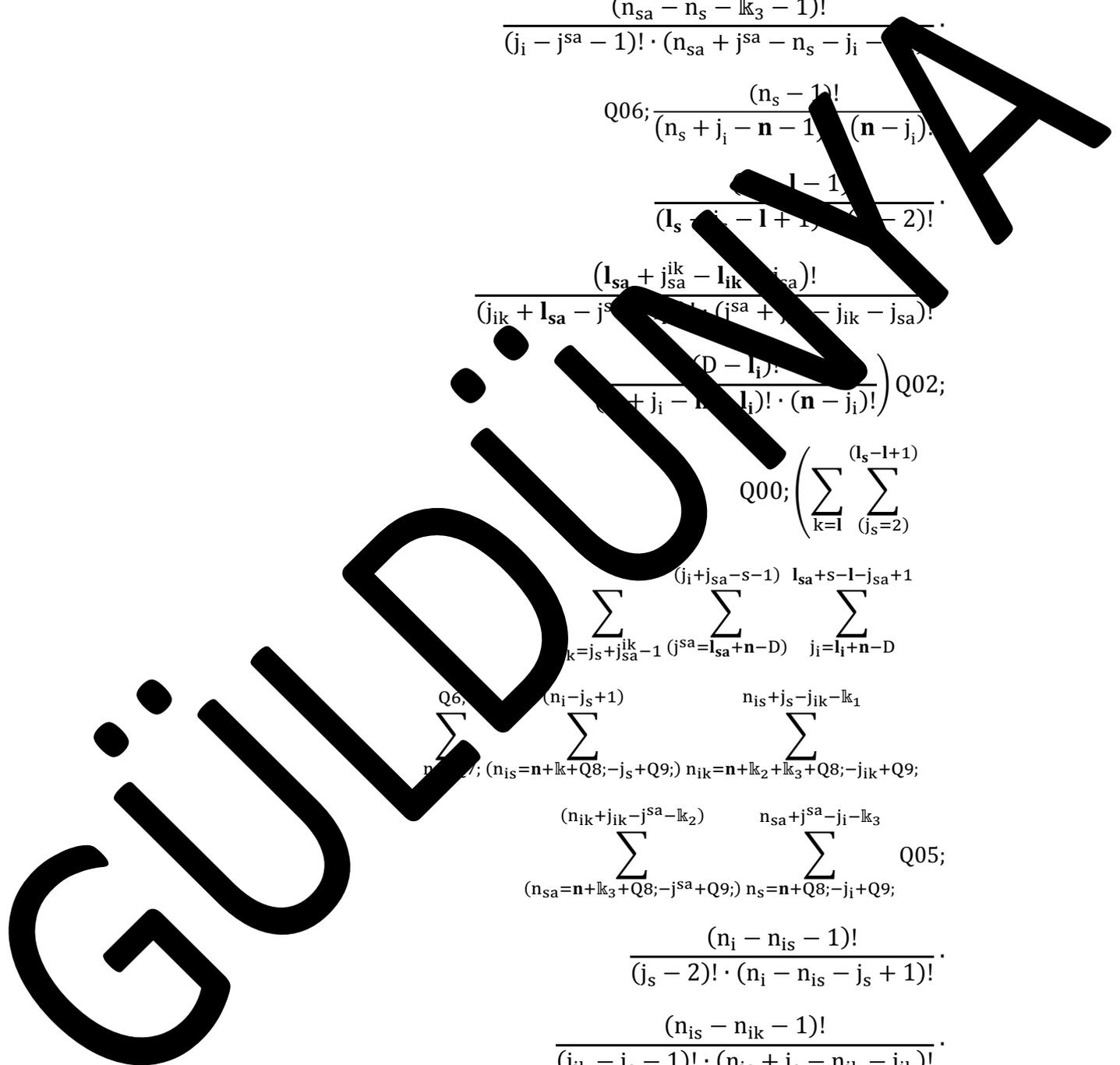
$$\sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{(n_s = n + Q8; -j_i + Q9)}^{n_{sa} + j^{sa} - j_i - k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(l_i)!}{(D + l_i - n - l_i)! \cdot (j_i)!}$$

$$\sum_{j_s=2}^{l_s-1} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{sa}-1} \sum_{l_i=l_{sa}+s-1-j_{sa}+2}^{l_{sa}-1} \dots$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9)}^{j_s+1} \sum_{n_{ik}=n+l_k+l_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-l_{k1}} \dots$$

$$\sum_{n_{sa}=n+l_{k3}+Q8;-j_{sa}+Q9}^{n_{ik}+j_{ik}-j_{sa}-l_{k2}} \sum_{n_s=n+Q8;-j_i+Q9}^{n_{sa}+j_{sa}-j_i-l_{k3}} \dots Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$Q000; \sum_{l=1}^{(Q-1+1)} (j_s = l_i + l_{sa} - s + 1)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik}} (j_{sa} = j_{ik} + j_{sa}^{ik}) \sum_{j_i = j_{sa} + s - j_{sa}}$$

$$Q \sum_{n_i = Q7; + Q22; (n_{is} = \dots + Q8; - j_s + \dots)} (n_i - j_s - Q3; + 1) \sum_{n_{ik} = n_{is} + j_s - j_{ik} - l_{k1}}$$

$$\sum_{n_{sa} = n_{ik} + j_{sa}^{sa} - l_{k2}} \sum_{n_s = n_{sa} + j_{sa}^{sa} - j_i - l_{k3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l \leq D - n + 1 \wedge$$

$$D + l_i + s - l_{sa} + 2 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa} = j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} Q00; \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_{sa}^{ik}-1)} \sum_{(j_i=1)}^{(l_i-1+1)} \sum_{(j_i+n-D)}^{(l_i-1+1)} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8; \dots)}^{Q6; (n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-1)}^{(n_{is}+j_s-j_{ik}-1)} \sum_{(n_{is}+j_s-j_{ik}-1)}^{(n_{is}+j_s-j_{ik}-1)} \\
 & \sum_{(n_{sa}=n+k_3)}^{(n_{sa}=n+k_3)} \sum_{(j_{sa}^{ik}-1)}^{(j_{sa}^{ik}-1)} \sum_{(j_i+n-Q9)}^{(j_i+n-Q9)} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa}^{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa}^{ik} - k_2)!} \\
 & \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa}^{ik} - 1)! \cdot (n_{sa} + j_{sa}^{ik} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa}^{ik} - l_{ik})! \cdot (j_{sa}^{ik} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa}^{ik} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa}^{ik} - s)!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;
 \end{aligned}$$

$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j}$$

$$Q20; \sum_{n_i=Q7;+Q22;} \sum_{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{sa})} \sum_{(n_s=n_{sa}+j_{sa}^{sa}-j)}$$

$$\frac{(n_s - j_i - n - Q5 - j_{sa})!}{(n_s - j_i - n - Q5 - j_{sa})! \cdot (l_s - j_s - s)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s = D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_{ik} \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{sa} = j_i + j_{sa} \wedge j_{sa}^{sa} + j_{sa} \leq j_i < n \wedge$$

$$l_{ik} = j_{sa}^{ik} + 1 > l_s \wedge j_{sa}^{sa} + j_{sa}^{ik} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$Q + s - 1 \leq l_i \leq D + l_s + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge$$

$$j_{sa}^{sa} < j_{sa}^{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, j_{sa}^{sa}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$fz, C1; \overset{A1; S B1}{\Rightarrow} j_s, j_{ik}, j_{sa}^{sa}, j_i, D1; = Q00; \left(\sum_{k=1} \sum_{(j_s=2)}^{(l_i+n-D-s)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_6}^{Q_6; (n_i-j_s+1)} \sum_{(n_{is}=n+l_k+Q_8;-j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_2}+l_{k_3}+Q_8;-j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8;-j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{(n_s=n+Q_8+l_{k_3}+Q_9)}^{(n_{sa}+j_{sa}-j_i-l_{k_3})}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - j_{sa} + 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{ik} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - j_{sa} + 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_{sa} - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_7}^{Q_6; (n_i-j_s+1)} \sum_{(n_{is}=n+l_k+Q_8;-j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_2}+l_{k_3}+Q_8;-j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

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$$\sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - k_2)!}$$

$$\frac{(n_{sa} - n_{sa} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_s - n - j_i)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_{ik}+n-D-j_{sa}^{ik})} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_i+n-D}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q_7; (n_{is}=n+k+Q_8; -j_s+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

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$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$

$$\frac{(l_s - l_i - 1)!}{(l_s - l_i - 1 + 1)! \cdot (l_s - l_i - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_s + 1)!}{(j_s + l_{ik} - l_s - 1)! \cdot (j_{ik} - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_i - l_{sa} - 1)!}{(j^{sa} + l_i - j_i - l_{sa} - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(l_i - l_j)!}{(D - l_i - n - l_j)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_{ik} + n - D - j_{sa}^{ik})} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_{ik}+s-1-j_{sa}^{ik}+2}^{l_i-1+1}$$

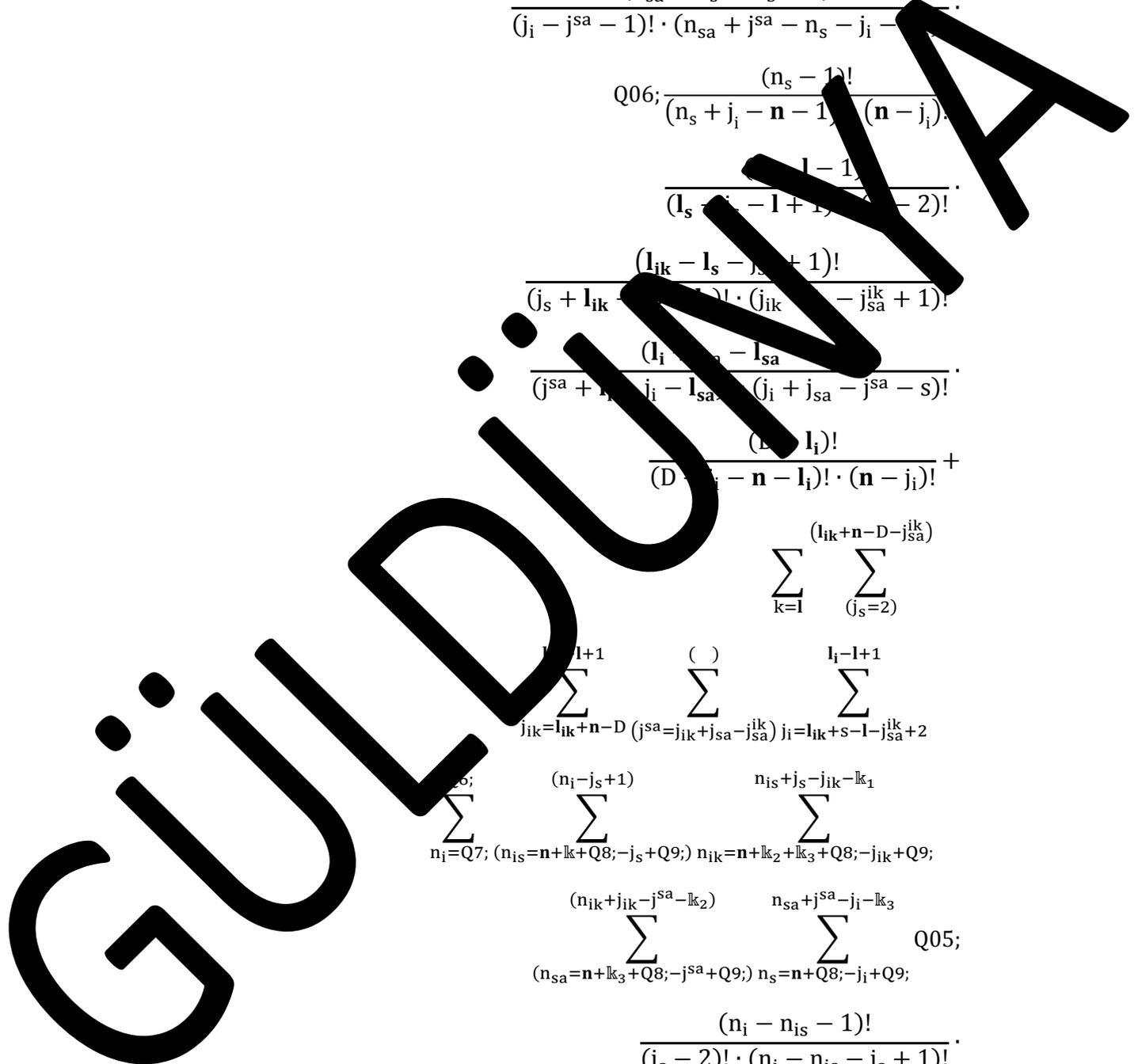
Q6; $\sum_{(n_i=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)}$ $\sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)}$$
 $\sum_{(n_s=n+Q8;-j_i+Q9)}^{n_{sa}+j^{sa}-j_i-k_3}$ Q05;

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$



$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - s)!}$$

$$\frac{(l_i - 1)!}{(j_i - n - 1)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{l_{ik} + n - D - j_{sa}^{ik} + 1}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-s-1}^{l_{ik}+s-1-j_{sa}^{ik}+1} \sum_{j_i=j_{ik}+j_{sa}-j_{sa}^{ik}}^{l_i+n-D}$$

$$Q6; \sum_{n_i=(n_{is}-k+Q8;-j_s+Q9)}^{(j_s-1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=0}^{l_s - l + 1} \sum_{j_{sa}^{ik} = l_{ik} + n - D - j_{sa}^{ik}}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} - j_{sa}^{ik})}^{l_i - l + 1} \sum_{j_i = l_{ik} + j_{sa}^{ik} + 2}^{j_s + j_{sa}^{ik} + 2}$$

$$\sum_{n_i = Q7; (n_{is} = n + l_{ik} + Q8; -j_s + Q9;)}^{Q6; (n_i - j_s + 1)} \sum_{k = n + l_{k2} + l_{k3} + Q8; -j_{ik} + Q9;}^{+j_s - j_{ik} - l_{k1}}$$

$$\sum_{(n_i = n + l_{k3} + Q8; -j^{sa} + Q9;)}^{(n_i = n + l_{k3} + Q8; -j^{sa} + Q9;)} \sum_{n_{sa} + j^{sa} - j_i - l_{k3}}^{n_{sa} + j^{sa} - j_i - l_{k3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}^{ik}-j_s)} \sum_{(j_i=j^{sa}-j_{sa})}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n-Q23;+1)} \sum_{(n_{ik}^{ik}=n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n_{ik}^{ik}-j_{sa}-k_2)}$$

$$\sum_{(n_{sa}=n_{ik}^{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(j_i + j_{sa} - Q31; - s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l_i \leq l \wedge l_{sa} \leq D - n + 1 \wedge$$

$$D + j_s + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 \leq j_s \leq j_{sa}^{ik} - j_{sa} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_s + j_{sa} - s + j_s + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_s > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$j_s + s - n - l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & f_{z,C1;S}^{A1;S^{B1};} \Rightarrow \sum_{j_s} j_{ik} j^{sa} j_i D_1 = Q00; \left(\sum_{k=1}^{(1_s-1+1)} \sum_{(j_s=2)}^{(1_s-1+1)} \right) \\
 & \sum_{j_{ik}=1_i+n}^{l_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i^{sa+s-j_{sa}}} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{Q6; (n_i-j_s+1)} \sum_{(n_{ik}+j_{sa}-k_2)}^{(n_i-j_s+1)} \sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9); n_s=n+k_3+Q8;-j_s+Q9;}^{(n_{ik}+j_{sa}-k_2)} \sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9); n_s=n+k_3+Q8;-j_s+Q9;} \\
 & \frac{(n_{is} - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(1_s - 1 - 1)!}{(1_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(1_{ik} - 1_s - j_{sa}^{ik} + 1)!}{(j_s + 1_{ik} - j_{ik} - 1_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \left. \frac{(D - 1_i)!}{(D + j_i - n - 1_i)! \cdot (n - j_i)!} \right) Q02; \\
 & Q00; \left(\sum_{k=1}^{(1_s-1+1)} \sum_{(j_s=2)}^{(1_s-1+1)} \right)
 \end{aligned}$$

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$$\sum_{j_{ik}=l_{ik}+n-D}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_i+n-D}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q_7}^{Q_6} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{n_s=n+Q_8; -j_i+Q_9}^{n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_i-1)!}{(j_s-2) \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s) \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-j_s) \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i+j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_{ik}+s-1-j_{sa}^{ik}+2}^{l_i-1+1}$$

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$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=n+l_k+l_{k_3}+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!}$$

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_s - n_{i_s} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{s_a} - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!} \quad Q04;$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{i_k} - l_s - j_{s_a}^{i_k} + 1)!}{(j_s - l_{i_k} - j_{i_k} - l_s)! \cdot (j_{i_k} - j_s - j_{s_a}^{i_k} + 1)!}$$

$$\frac{(l_i + j_{s_a} - l_{s_a} - s)!}{(j^{s_a} + l_i - j_i - l_{s_a})! \cdot (j_i + j_{s_a} - j^{s_a} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}$$

$$\sum_{j_{i_k}=j_s+j_{s_a}^{i_k}-1}^{()} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1})}$$

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$$\frac{\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} Q044$$

$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik}$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s > l_{sa}$

$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, l_{sa}^i, Q4; \}$

$s \geq 6 \wedge s = \dots + Q5; \wedge$

$k_z: z = 3 \wedge k = \dots + k_2 + \dots \Rightarrow$

$\frac{A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}{k=1} = Q00; \sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}$

$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s - n_i - n - j_i - 1)!}{(n_s + n_i - n - j_i - 1)!}$$

$$\frac{(n - 1 - 1)!}{(n - j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - 1 - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_{sa}^{ik} - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})!}{(j_{ik} - j_{sa} - j^{sa} - l_{ik} - j_{sa}^{ik} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}^{ik})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(l_i + n - D - s)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

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$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - 1)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - 1)!}{(j_s + l_{ik} - j_{ik} - l_s - 1)! \cdot (j_{ik} - j_s - 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})!}{(j_{ik} + l_{sa} - j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}^{ik})!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q0; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-1+1)}$$

$$\sum_{(j_s=j_s+l_{sa}^{ik}-1)}^{l_{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s+1)} \sum_{(j_i=j^{sa}+s-j_{sa})}$$

$$Q6; \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-k_1}$$

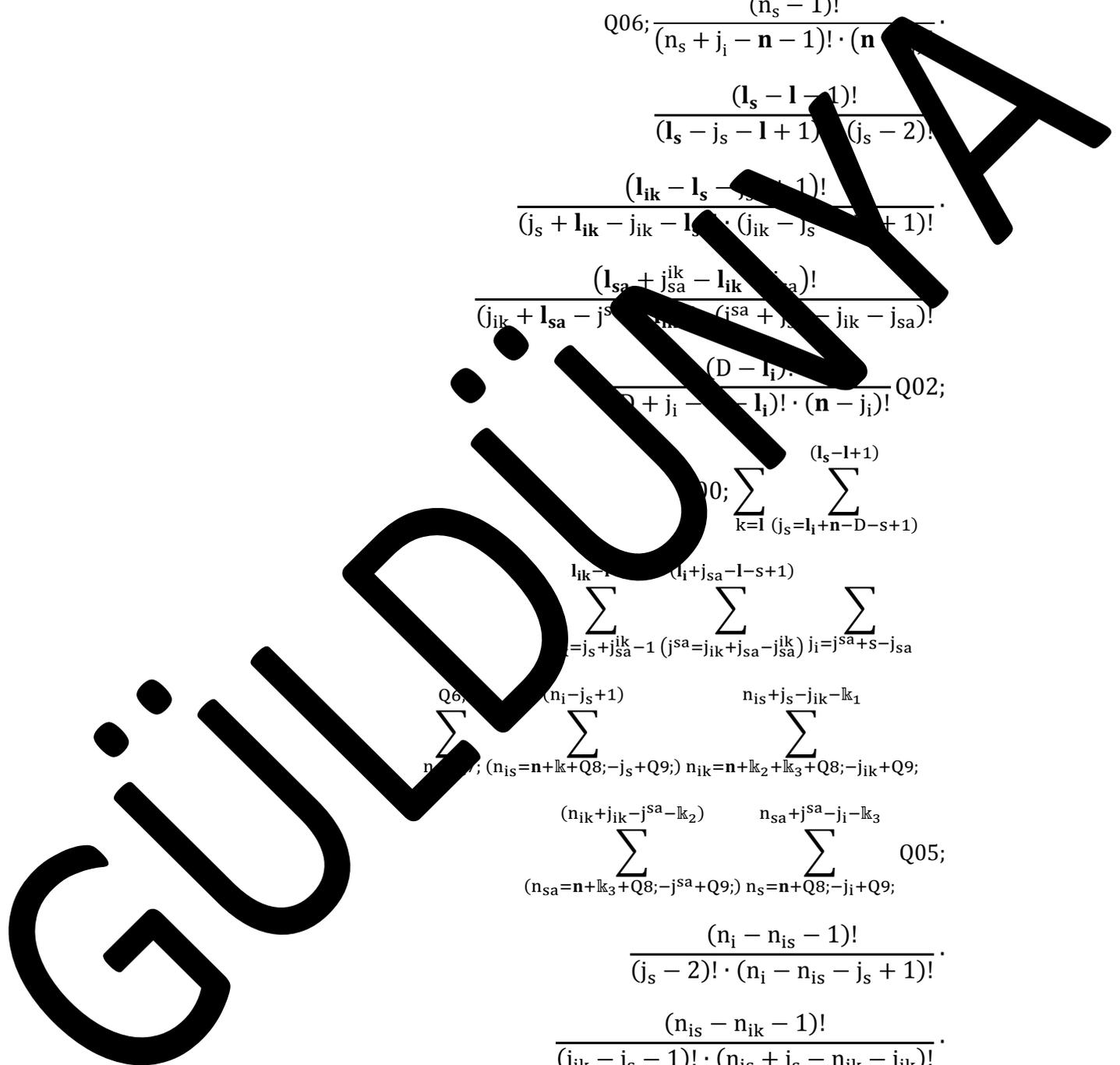
$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} - l_s)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$(l_s - l + 1)$$

$$\sum_{i=1}^{l_s - l + 1} \sum_{j=1}^{D - s + 1}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{j_{ik}=j_{ik}+j_{sa}^{ik}-j_{sa}}^{j_{ik}=j_{ik}+j_{sa}^{ik}-j_{sa}} \sum_{j_i=j_{sa}+s-j_{sa}}^{j_i=j_{sa}+s-j_{sa}}$$

$$Q20; (n_i - j_s - Q2) - 1$$

$$n_i = Q7; + Q8; (n_{is} = n + k + Q8; - j_s + Q9;); n_{ik} = n_{is} + j_s - j_{ik} - k_1$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j_{sa} - k_2)}^{(n_{sa} = n_{ik} + j_{ik} - j_{sa} - k_2)} \sum_{(n_s = n_{sa} + j_{sa} - j_i - k_3)}^{(n_s = n_{sa} + j_{sa} - j_i - k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$$(D > n) \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa} = j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge l \neq j_l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa})) \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A; B1; fz, C1, j_{ik}, j_{sa}^{sa}, j_i, D1; = Q00; \left(\sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{k-1+1} \sum_{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(n - l_i)!}{(n - j_i)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{D-s} \sum_{(j_s=2)}$$

$$\sum_{l_i + j_{sa}^{ik} - D - s - 1} \sum_{(j_s = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$Q6; \sum_{n_i = n + k_2 + k_3 + Q8; -j_s + Q9;} \sum_{n_{is} + j_s - j_{ik} - k_1} \sum_{n_{is} = n + k_2 + k_3 + Q8; -j_{ik} + Q9;}$$

$$\sum_{(n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{n_{sa} + j^{sa} - j_i - k_3} Q05; \sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9;)} \sum_{n_s = n + Q8; -j_i + Q9;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_s=l_i+n-D-s}^{l_s-l_i-1}$$

$$\sum_{j_{ik}=l_{sa}-1}^{l_{ik}-l} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{l_{sa}-l+1} \sum_{j_s=j_{sa}}^{n-j_{sa}}$$

$$\sum_{n_i=Q_7; (n_{is}=n_{ik}+Q_8; -j_s+Q_9);}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8; -j_{ik}+Q_9}^{n_{ik}-l} \sum_{n_{sa}+j_{sa}-j_i-l_{k_3}}^{n_{sa}+j_{sa}-j_i-l_{k_3}}$$

$$\sum_{(n_{ik}=n+l_{k_3}+Q_8; -j_{sa}+Q_9);}^{(n_{is}=n+l_{k_3}+Q_8; -j_s+Q_9);} \sum_{n_s=n+Q_8; -j_i+Q_9}^{n_{sa}+j_{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

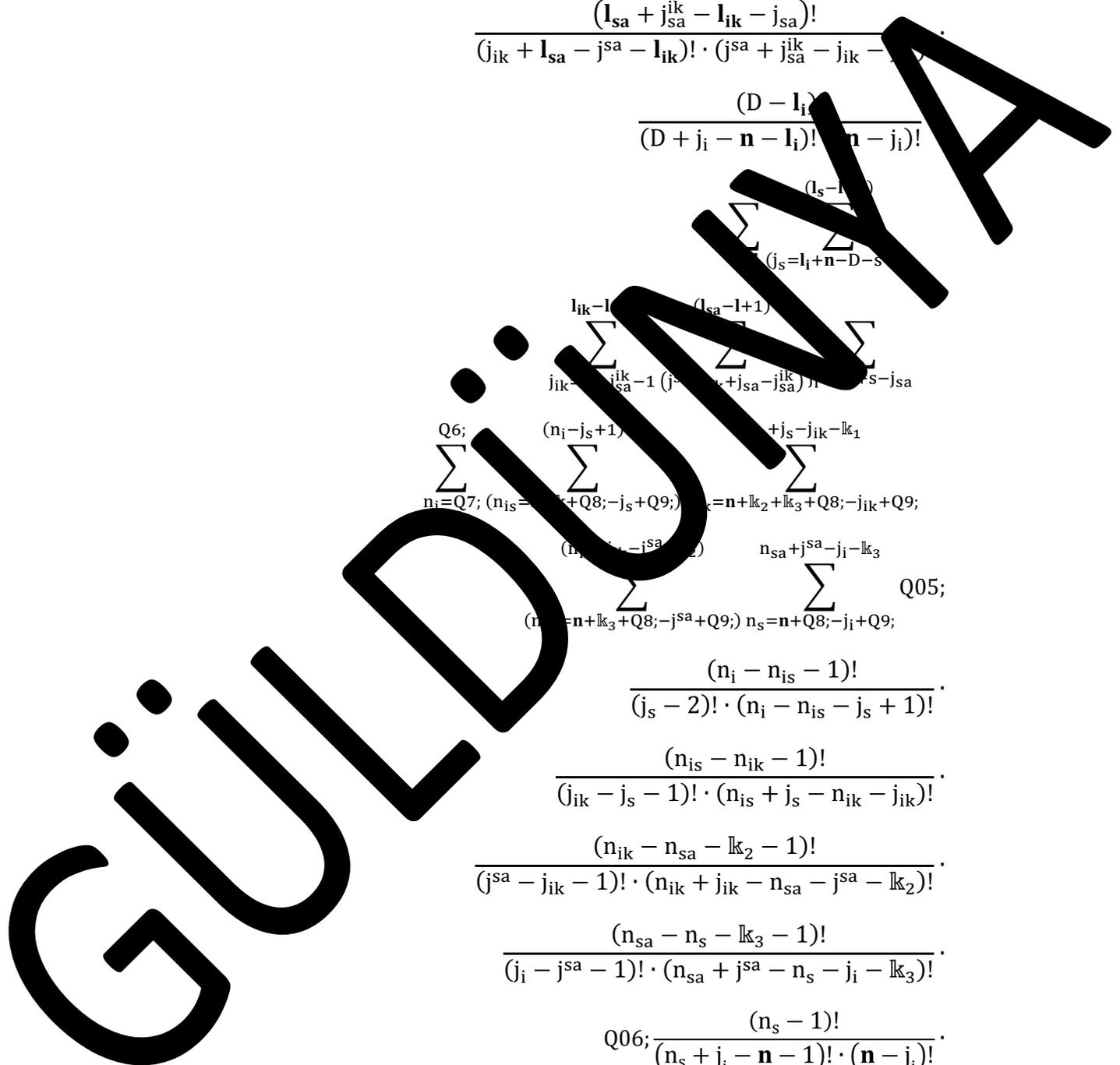
$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$



$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{(n_i-1+1)}^{(n_i-1+1)}$$

$$\sum_{n_i=Q7; (n_i=n+l_k+Q8;-j_{ik}+Q9)}^{(n_i-j_s+1)} \sum_{(n_{sa}=n+l_{k_2}+Q8;-j_{ik}+Q9)}^{(n_i-j_s-j_{ik}-l_{k_1})} \sum_{(n_{sa}=n+l_{k_3}+Q8;-j_{ik}+Q9)}^{(n_{sa}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j_{ik}+Q9)}^{(n_{sa}+j_s-j_{ik}-l_{k_1})} \sum_{(n_{sa}+j_s-j_{ik}-l_{k_1})}^{(n_{sa}+j_s-j_{ik}-l_{k_1})} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_i + n - D - s)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=l_i+s-j_{sa}+1}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9; n_{is}+n+k_2+k_3+Q9)}^{Q6; (n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}}^{n_{is}+j_s-j_{ik}}$$

$$\frac{(n_{ik}+j_{ik}-j^{sa}-k_2) \dots (n_{sa}+j^{sa}-j_i-k_3)}{Q05;}$$

$$\frac{(n_{sa}-n+k_3+Q9) \dots (n_{sa}+Q9)}{(n_{sa}-n+k_3+Q9) \dots (n_{sa}+Q9)}$$

$$\frac{(n_{is}-1)!}{(n_{is}-2)! \dots (n_{is}-j_s+1)!}$$

$$\frac{(n_{ik}-1)!}{(n_{ik}-j_s-1)! \dots (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(n_{sa}-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-k_3)!}$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{(l_i+n-D-s)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}^{ik}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q7}^{Q6; (n_{is}=n+k+Q8;-j_s+Q9);} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q4-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-j_{sa}^{ik}-k_3)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \quad Q05;$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
 & \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-1+1)} \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-1+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-1+1)} \sum_{j_i=j_{sa}+s-j_{sa}^{ik}+1}^{l_i-1+1} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q4;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-j_{sa}^{ik}-k_3)}^{(n_{sa}+j_{sa}-j_{sa}^{ik}-k_3)} Q05; \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_s + 2)! \cdot (n_{is} + j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \cdot \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \\
 & \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \\
 & \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;
 \end{aligned}$$

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$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-1+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j_{sa}+s-j_{sa}^{ik}}$$

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_{ik}=n_{is}-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{sa})}^{()} \sum_{(n_s=n_{sa}+j_{sa}^{sa}-j_{sa}^{sa})}$$

$$\frac{(n_s - j_i - n - Q5 - j_{sa}^{sa})!}{(n_s - j_i - n - Q5 - j_{sa}^{sa})! \cdot (l_s - j_s - s)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s = l_i - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{sa} + 1 \wedge$$

$$1 \leq j_{ik} - j_{sa}^{ik} + j_{sa}^{sa} \wedge j_s + j_{sa}^{ik} - 1 \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{sa} = j_i + j_{sa}^{sa} \wedge j_{sa}^{sa} + j_{sa}^{sa} \leq j_i < n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge j_{sa}^{sa} + j_{sa}^{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i + s - j_{sa}^{sa} < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q1; \wedge$$

$$j_{sa}^{sa} < j_{sa}^{sa} \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{sa} = j_{sa}^{ik} - 1 \wedge$$

$$s \in \{Q3; j_{sa}^{sa}, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$f_{z,C1;S^B1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; } = Q00; \sum_{k=1}^{(\)} \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=l_{sa}+n+s-D}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q9; j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}-j_{sa}^{sa})}^{(n_{sa}-j_{sa}^{sa})} Q05;$$

$$\frac{(n_s - n_{is} - 1)!}{(j_s - 2)! \cdot (n_s + j_s - 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\)} \sum_{j_i=l_{ik}+s-1-j_{sa}^{ik}+2}^{l_{sa}+s-1-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)} \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!}$$

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbb{k}_2)!}$$

$$\frac{(n_{i_s} - n_s - 1)!}{(j_i - j_s - 1)! \cdot (n_{i_s} + j^{s_a} - j_i - \mathbb{k}_3)!}$$

$$Q000; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(D - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{i_k} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}}^{(\quad)} \sum_{(j^{s_a}=j_i+j_{s_a}-s)}^{(\quad)} \sum_{j_i=l_{s_a}+n+s-D-j_{s_a}}^{l_{i_k}+s-1-j_{s_a}^{i_k}+1}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)}$$

$$\sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)}^{(\quad)} \sum_{(n_s=n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3)}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq l - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s - l_{sa}$

$D + s - n < l_i \leq D + l_{ik} + s - n - l_{ik} \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^{ik}, k_3, j_{sa}^{ik}, k_4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$\sum_{z=C1; \Rightarrow j_s}^{A1; S^{B1}; j_{ik}, j_{sa}, j_i, D1; } = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$

$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-1-j_{sa}+1}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$

$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l_i - 1)!}{(l_s - l_i - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q000; $\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$

$$\sum_{j_{ik}=j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

$$\sum_{(n_i-j_s-Q23;+1)}^{()} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{()} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}^{()}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}^{()}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

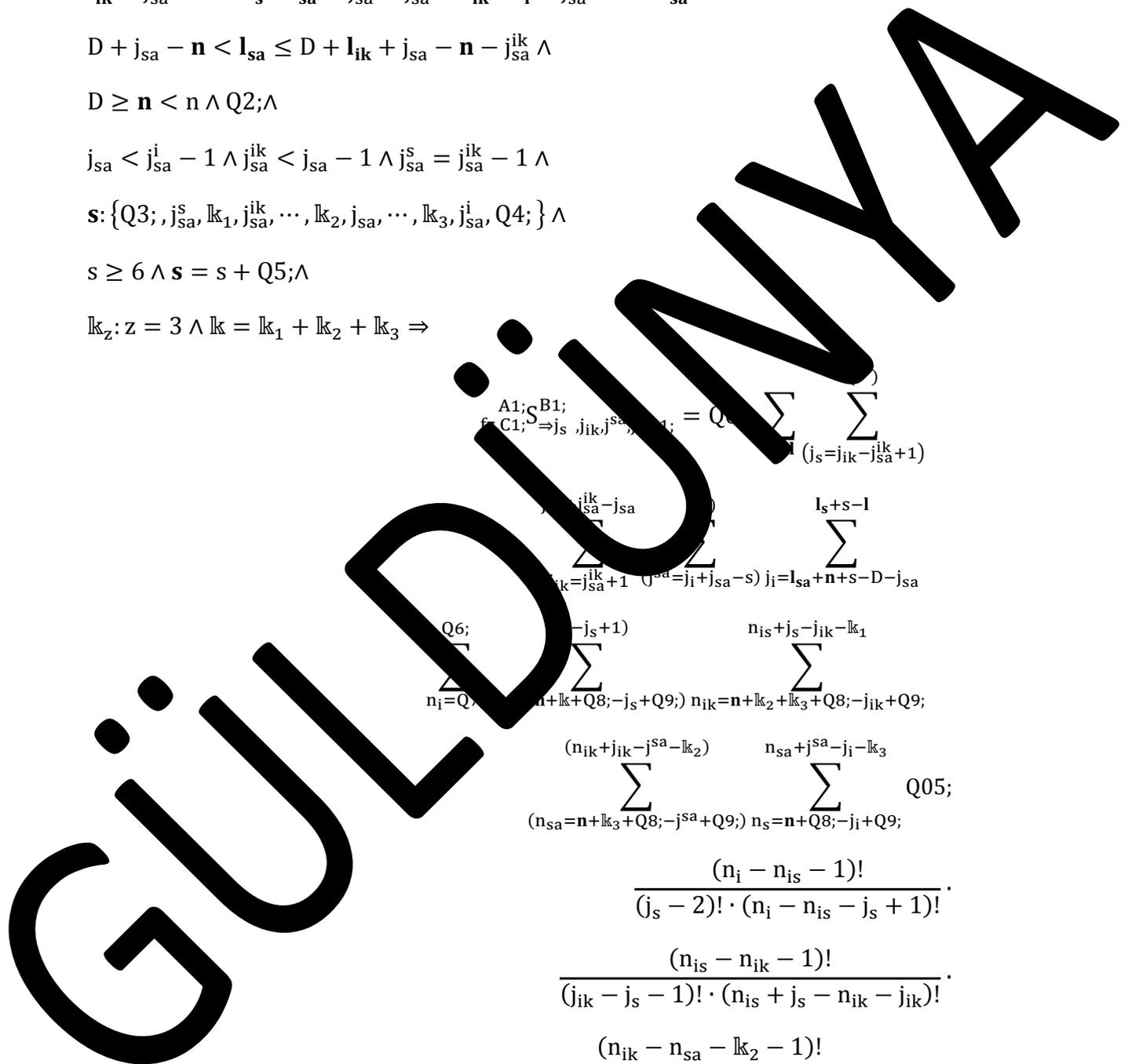
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_i=l_{sa}+n+s-D-j_{sa})} \sum_{(j_{sa}^{ik}=j_{sa}+1)} \sum_{(j_i=l_{sa}+n+s-D-j_{sa})} \sum_{(n_i=n+k_2+k_3+Q8;-j_{ik}+Q9;)} \sum_{(n_{is}=n+Q8;-j_i+Q9;)} \sum_{(n_{sa}=n+k_3+Q8;-j_{sa}^{sa}+Q9;)} \sum_{(n_s=n+Q8;-j_i+Q9;)} \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} Q05;$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q0; \sum_{k=1}^{j_s} (j_s = j_{ik} - j_{sa}^{ik})$$

$$\sum_{j_{ik}=1}^{l_s} \sum_{j_{sa}=1}^{(j_s - j_{ik} - j_{sa}^{ik} + 1)}$$

$$Q6; \sum_{n=Q7}^{(n_i - j_s + 1)} \sum_{(n_{is} = n + Q8; -j_s + Q9)} \sum_{(n_{ik} = n + k_2 + k_3 + Q8; -j_{ik} + Q9)}$$

$$\sum_{(n_{sa} = n + k_3 + Q8; -j_{sa} + Q9)} \sum_{(n_s = n + Q8; -j_i + Q9)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}}^{(\)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\)} \sum_{j_i=I_{sa}}^{I_s+s-1} \sum_{j_s=D-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s-Q9;)}^{(n_{ik}=n_{is}+j_s-k_1)}$$

$$\frac{(n_{sa}=n_{ik}-j_{sa}-k_2) \sum_{j_s=j_{sa}-k_3}^{(n_{sa}-j_i-k_3)} (n_s - j_i - j_s - Q31;)!}{(n + j_i - n - Q_{sa} - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(I_s - I - 1)!}{(I - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge I \neq 1 \wedge I_s \leq D - n - I \wedge$$

$$D + I_{ik} + s - I_i - j_s + 2 \leq I \leq I - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} - 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$I_{ik} - j_{sa}^{ik} + 1 \leq I_s \wedge I_s - j_{sa}^{ik} - j_{sa} > I_{ik} \wedge I_i + j_{sa} - s = I_{sa} \wedge$$

$$D - j_{sa} - n < I_{sa} \leq D + I_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} - j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-1-j_{sa}+1}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k3}+Q8; j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k1})}$$

$$Q05; \sum_{(n_{sa}=n+l_{k3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k2})} \sum_{(n_{sa}-j_{ik}-j^{sa})}^{(n_{sa}-j_{ik}-j^{sa}-l_{k2})}$$

$$\frac{(n_s - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k3})!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k3})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k3})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+j_{sa}-j_{sa}}^{(\quad)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-1}$$

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$$\sum_{n_i=Q7; +Q22;}^{Q20;} \sum_{(n_{i_s}=n+k+Q8; -j_s+Q9;)}^{(n_i-j_s-Q23; +1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-k_1} \sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-k_2)}^{(\)} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-k_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{s_a}^s)! \cdot (n + j^{s_a} - j_s - s)!} \cdot \frac{(l_s - 1 - j_s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{i_k} - j_{s_a}^{i_k} + 1 \wedge j_s + j_{s_a}^{i_k} - 1 \leq j_s \leq j^{s_a} + j_{s_a}^{i_k} - 1 \wedge$

$j^{s_a} = j_i + j_{s_a} - s \wedge j^{s_a} + s - j_{s_a} \leq j_i \leq n \wedge$

$l_{i_k} - j_{s_a}^{i_k} + 1 > l_s \wedge l_{s_a} + j_{s_a}^{i_k} - j_{s_a} = l_{i_k} \wedge l_{s_a} + j_{s_a} \leq l_i \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$

$D \geq n < n \wedge Q2;$

$j_s < j_{s_a} - 1 \wedge j_{s_a}^{i_k} < j_{s_a} - 1 \wedge j_{s_a}^s = j_{s_a}^{i_k} - 1 \wedge$

$s: \{Q3; j_{s_a}^s, k_1, j_{s_a}^{i_k}, k_2, j_{s_a}^{i_k}, l_{s_a}, Q4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$\overset{A1; S^{B1};}{fz, C1; \Rightarrow} j_s, j_{i_k}, j^{s_a}, j_i, D1; = Q00; \sum_{k=1}^{(j_{i_k}-j_{s_a}^{i_k}+1)} \sum_{(j_s=2)}$

$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}} \sum_{(j^{s_a}=j_i+j_{s_a}-s)}^{(\)} \sum_{j_i=l_{s_a}+n+s-D-j_{s_a}}^{l_s+s-1}$

$\sum_{n_i=Q7; }^{Q6;} \sum_{(n_{i_s}=n+k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{i_k}=n+k_2+k_3+Q8; -j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-k_1}$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - k_2)!}$$

$$\frac{(n_{sa} - n_{sa} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - j_i)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^k + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^k + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^k-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_s+s-l+1}^{l_{sa}+s-l-j_{sa}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

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$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - 1)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l_i - 1)!}{(l_s - l_i - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_s + 1)!}{(j_s + l_{ik} - 1)! \cdot (j_{ik} - j_{sa}^{ik} + 1)!}$$

Q04; $\frac{(D - l_i)!}{(n + j_i - l_i)! \cdot (n - j_i)!}$

Q000; $\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$

$$\sum_{j_{ik}=j_s-j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-1}$$

Q07;+Q22; $(n_i - j_s - Q23; +1)$
 $(n_{is} = n + k + Q8; -j_s + Q9;)$ $n_{ik} = n_{is} + j_s - j_{ik} - k_1$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$$D + l_s + s - n - l_i + 1 \leq l \leq j_l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

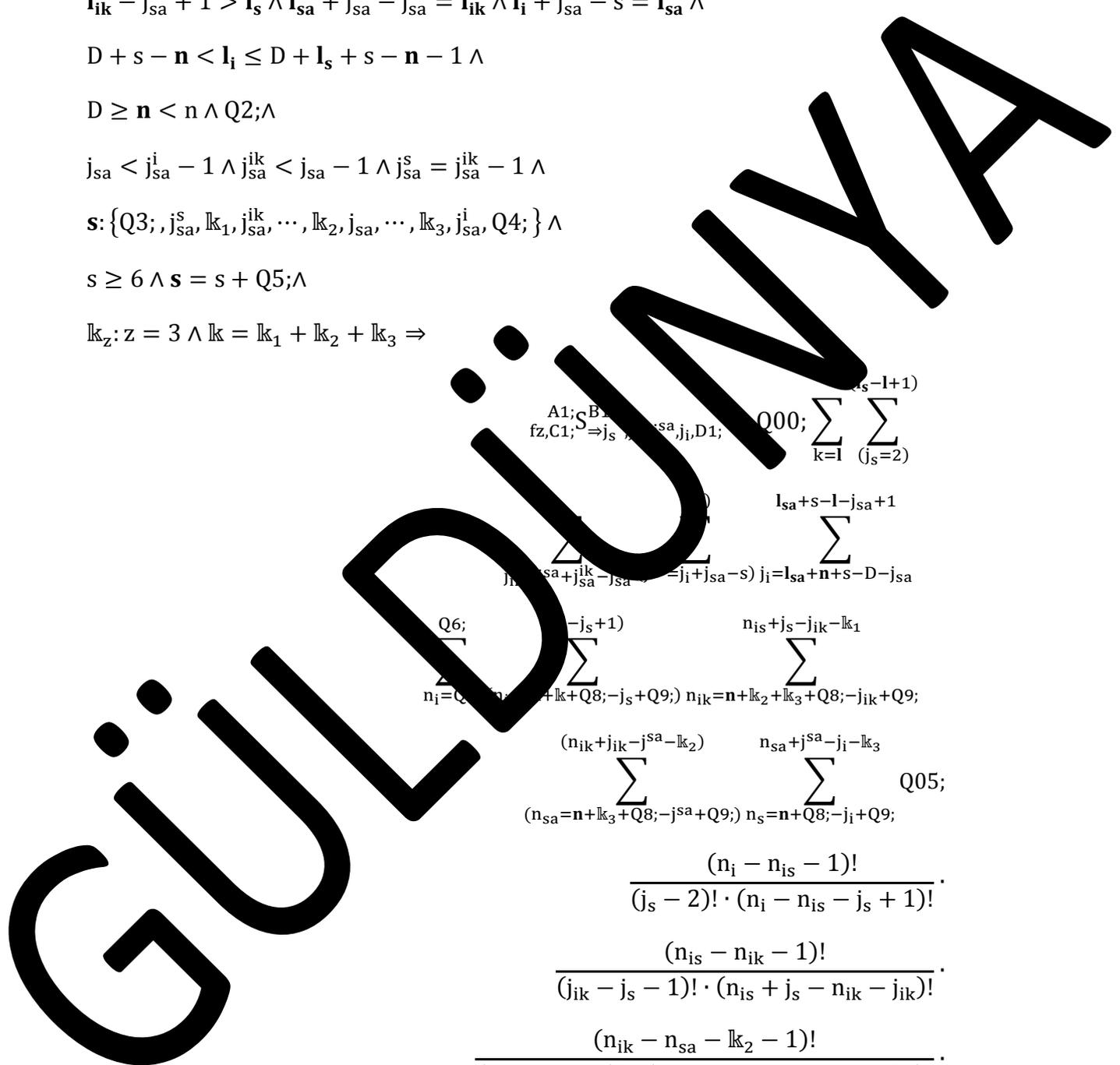
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}, \dots, l_{k_3}, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_k = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$Q00; \sum_{k=1}^{(j_s-1+1)} \sum_{(j_s=2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \frac{(n_{is}+j_s-j_{ik}-l_{k_1})!}{(j_s-2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!} \cdot \frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!} \cdot Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}^{sa}}^{()} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{()} \sum_{(j_{sa}+n+s-D-j_{sa})}^{()}$$

$$Q \sum_{n_i=Q7;+Q22; (n_{is}=+Q8;-j_s)}^{(n_i-j_s+Q3;+1)} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(j_{sa}=n_{ik}+j_{sa}-k_2)}^{()} \sum_{(n_s=n_{sa}+j_{sa}-j_i-k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_i \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - l_i \wedge$$

$$1 \leq j_s \leq j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{sa} = j_i + j_{sa} - s \wedge j_{sa}^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2;\wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \text{A1; S B1; } f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_i+j_{sa}-j_s)}^{(j_{sa}+j_{sa}^{ik}-j_{sa})} \frac{(j_{sa}+j_{sa}^{ik}-j_{sa}-j_{ik}-j_s-1)!}{(j_{sa}+j_{sa}^{ik}-j_{sa}-j_{ik}-j_s-1)!} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8; (n_{is}+j_s-j_{ik}-k_1)}^{(n_i-j_s+1)} \sum_{(n_{is}=n+k+Q8; (n_{is}+j_s-j_{ik}-k_1)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{is}=n+k+Q8; (n_{is}+j_s-j_{ik}-k_1)}^{(n_{is}+j_s-j_{ik}-k_1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;
 \end{aligned}$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_s+s-1+}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q}^{n_{is}+j_s-j_{ik}-k_1} \dots$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-n_s-k_3)}^{(j_{sa}-j_{sa}-k_3)}$$

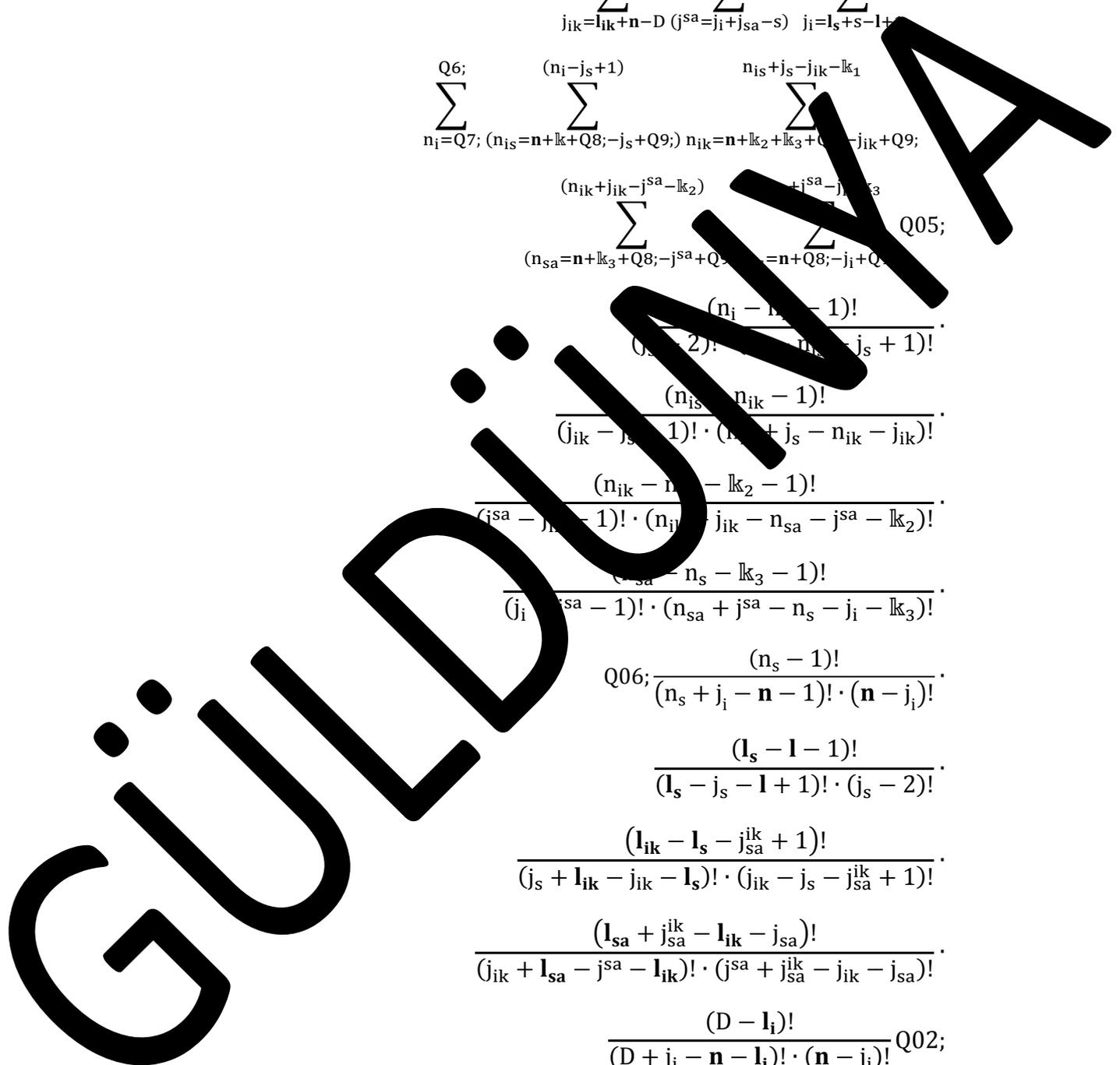
$$\frac{(n_i - n_s - 1)!}{(j_s - 2)! \cdot (n_s + j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_s + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_{sa} - j_{sa} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$



$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \binom{()}{j_{sa}=j_i+j_{sa}-s} \sum_{j_i=l_{ik}+s-l-j_{sa}+1}^{l_{sa}+s-l-j_{sa}+1}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9); n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;$

$$\sum_{(n_{sa}=n+k_3+Q8; -j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-j_i-k_3)}^{n_{sa}+j_{sa}-j_i-k_3}$$

$Q9;$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_i - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{is} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_s - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{is} + j_{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{()} \binom{()}_{j_{sa}=j_i+j_{sa}-s} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l}$$

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$$\sum_{n_i=Q7; +Q22}^{Q20;} \sum_{(n_i-j_s-Q23; +1)}^{(n_i-j_s-Q23; +1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s)!} \cdot \frac{(l_s - 1 - j_{sa}^s)!}{(l_s - j_s - 1)! \cdot (l_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} \leq l_s \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$

$D \geq n < n \wedge Q2,$

$j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}^{ik}, j_{sa}^s, Q4; \} \wedge$

$s \geq 6, s = s + Q5; \wedge$

$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$A1; S B1; f_z, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$

$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-1-j_{sa}+1}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{sa}+j^{sa}-j_i-l_{k_3})} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_{k_2})!}$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_{sa} - 1)!}{(n_s + 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-1}$$

$$Q20; \sum_{(n_i=Q_7;+Q_{22};)}^{(n_i-j_s-Q_{23};+1)} \sum_{(n_{is}=n+l_{k_3}+Q_8;-j_s+Q_9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s \leq l_{sa}$

$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - j_{sa}^{ik} \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1$

$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^{ik}, k_3, j_{sa}^{ik}, k_4; \} \wedge$

$s \geq 6 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 =$

$\sum_{fz,C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; }^{A1; S^{B1};} = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$

$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} (l_{ik}+j_{sa}-1-j_{sa}^{ik}+1) \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$

$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l_i - 1)!}{(l_s + l_i - l + 1)! \cdot (l - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} \cdot Q02;$$

$$Q00; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(\quad)}$$

$$Q6; \sum_{n_{sa}=n+k+Q8;-j_s+Q9}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9}^{n_{sa}+j^{sa}-j_i-k_3} \cdot Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot$$

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$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa}^{sa} - l_{ik})! \cdot (j_{sa}^{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q00; \sum_{k=1}^n (j_s = j_{ik} - j_{sa}^{sa})$$

$$\sum_{j_{ik}=j_{sa}^{sa} - j_{sa}}^{\sum_{j_{ik}=j_{sa}^{sa} - j_{sa} - 1 - j_{sa}^{ik} + j_{sa}^{sa} + n - D}} (j_i - j_s + s - j_{sa})$$

$$Q20; (n_i - j_s - Q23; +1)$$

$$\sum_{n_s=Q7;+Q2}^{\sum_{n_s=n+k+Q8;}} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}^{\sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}} (n_{sa}=n_{ik}+j_{ik}-j_{sa}^{sa}-k_2)$$

$$\sum_{n_s=n_{sa}+j_{sa}^{sa}-j_i-k_3}^{\sum_{n_s=n_{sa}+j_{sa}^{sa}-j_i-k_3}} (n_s + j_i - j_s - s - Q31;)!$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(l_s - j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D > l_i - n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq l_i - 1 \wedge$$

$$1 - j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \overset{A1; S^{B1};}{fz, C1; \Rightarrow} j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}+j_{sa}+1)} \\
 & \sum_{j_i}^{l_{ik}-l+1} \sum_{(j_{sa}=l_{sa}+l)} \sum_{(j_i=j_{sa}+s-j_{sa})}^{(-l+1)} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8; \dots, Q9;)}^{Q6; (n_{is}+1)} \sum_{(n_{ik}=k_2+k_3+Q8; -j_{ik}+Q9;)} \sum_{(n_{sa}=k_3+Q8; -j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa})} \sum_{(n_{sa}+j_{sa}-j_i-k_3)}^{(n_{sa}+j_{sa}-j_i-k_3)} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;
 \end{aligned}$$

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$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-1-j_{sa}^{ik}+1)} \sum_{(j_{sa}=l_{sa}+n-D)} \sum_{j_i=j_{sa}+s}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-n_{is}=n_{sa}+j_{sa}-j_i)}$$

$$\frac{(n_s + \dots - Q3) \dots!}{(n_s + j_i - \dots - Q3) \dots! \cdot (n_s - j_s - \dots)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - \dots + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - \dots - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + j_{sa} + j_{sa}^{ik} - 1 \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^s = j_i + j_{sa} - j_{sa} \wedge j_{sa} + j_{sa} \leq j_i \wedge n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_s + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - j_{sa}^{ik} \leq l_{sa} \leq D - j_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q4;$$

$$j_{sa} < j_{sa}^i \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_{z,C1}; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=I_{sa}+n-D)}^{(I_s+j_{sa}-1)} \sum_{j_i=j_{sa}+s-j_{sa}^{ik}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}-j_{sa}-k_3)}^{(n_{sa}-j_{sa}-k_3)} Q05;$$

$$\frac{(n_s - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s - 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j_{sa} - I_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{I_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=I_s+j_{sa}-I+1)}^{(I_{sa}-I+1)} \sum_{j_i=j_{sa}+s-j_{sa}^{ik}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{i_k}=n+l_k_2+l_k_3+Q8;-j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!}$$

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_{i_s} - n_s - 1)!}{(j_i - j_s - 1)! \cdot (n_{i_s} + j^{s_a} - n_s - l_{k_3})!}$$

$$Q000; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{i_k} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}}^{(l_s+j_{s_a}-1)} \sum_{(j^{s_a}=l_{s_a}+n-D)} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})}^{(\quad)} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s - l_{sa}$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^{ik}, k_3, j_{sa}^{ik}, k_4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{k=1}^{A1;S^B1; f_z,C1; \Rightarrow j_s} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l_i - 1)!}{(l_s - l_i - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - j_{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q000; $\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$

$$\sum_{k=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s+j_{sa}-1)}$$

Q07;+Q22; $\sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned} & \sum_{k=1}^{(n_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{(n_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_{ik}=j^{sa} + j_{sa} - j_{sa})}^{(1_s + j_{sa} - 1)} \sum_{(j^{sa} = l_{sa} + n - D)} \sum_{(j_i = j^{sa} + s - j_{sa})} \\ & \sum_{(n_i = Q_6; n_i + k + Q_8; -j_s + Q_9)}^{(Q_6; -j_s + 1)} \sum_{(n_{is} + j_s - j_{ik} - k_1)}^{(n_{is} + j_s - j_{ik} - k_1)} \sum_{(n_{sa} + j^{sa} - j_i - k_3)}^{(n_{sa} + j^{sa} - j_i - k_3)} \sum_{(n_{sa} = n + k_3 + Q_8; -j^{sa} + Q_9)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{(n_s = n + Q_8; -j_i + Q_9)}^{(n_s = n + Q_8; -j_i + Q_9)} \quad Q05; \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \end{aligned}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q00;$$

$$\sum_{k=1}^{l_s - l + 1} \dots$$

$$\sum_{j_{ik}=1}^{l_{sa} - l + 1} \sum_{j_{sa}=1}^{l_s - j_{sa}} \dots$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)} \sum_{n_s=n+l_k+l_3+Q8; -j_{ik}+Q9;}$$

$$\sum_{(n_s=n+l_3+Q8; -j_{sa}+Q9;)} \sum_{n_{sa}=n+l_3+Q8; -j_i+Q9;} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-1)} \sum_{j_{sa}^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_{sa}^{sa}+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-k_1}$$

$$\frac{(n_{sa}=n_{ik}-j_{sa}-k_2) \sum_{j_{sa}^{sa}-j_i-k_3}^{(\)}}{(n_s - j_i - j_s - Q31;)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq 1 \wedge l_s \leq D - n - 1 \wedge$$

$$D + l_s + s = n - l_i + 1 \wedge l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} - 1 \wedge j_s + j_{sa}^{sa} \leq j_{ik} \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{sa} = j_{sa}^{sa} - s \wedge j_{sa}^{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa}^{sa} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D - l_s \leq l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa}^{sa} - j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);} \sum_{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1} n_{is}+j_s-j_{ik}-k_1$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)} \sum_{(n_{sa}+j^{sa}-n_s-k_3)} \sum_{(n_{sa}+j^{sa}-n_s-k_3)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{sa} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{sa} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7; +Q22; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q20; (n_i-j_s-Q23; +1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s)!} \cdot \frac{(l_s - 1 - j_s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2,$$

$$j_s < j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}^{ik}, l_{sa}, Q4; \} \wedge$$

$$s \geq 6, s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1;}^{A1; S^{B1};} = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;} \sum_{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_{k_2})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_s - n - j_i - l_{k_3})! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - j_{sa}^{ik} + 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

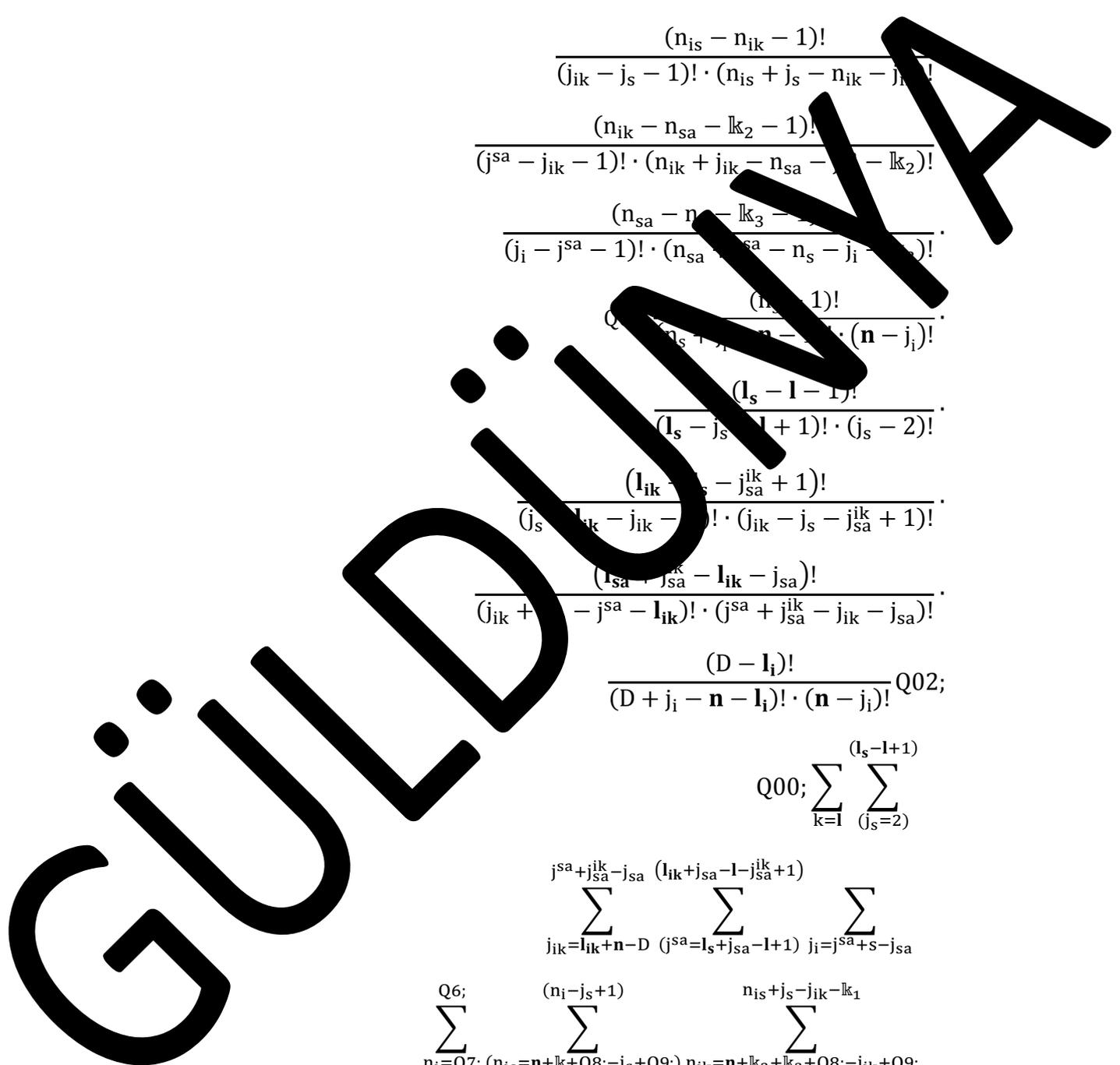
$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$



$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s - n_i - n - j_i - 1)!}{(n_s + n_i - n - j_i - 1)!}$$

$$\frac{(n - 1 - 1)!}{(n - j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} - 1)!}{(j_s + l_{ik} - j_{ik} - l_{sa} - 1 - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + l_{ik} - l_{ik} - l_{sa})!}{(j_{ik} - l_{sa} - j^{sa} - l_{ik} - 1 - j_{sa}^{ik} + (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j^{sa}=l_{ik}+j_{sa}-1-j_{sa}^{ik}+2)}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

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$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - 1)!}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - 1)!}{(j_s + l_{ik} - j_{ik} - l_s - 1)! \cdot (j_{ik} - j_s - 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa}^{ik} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q00; $\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$

$$\sum_{k=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{(n_i-j_s-Q23;+1)} \sum_{(n_i=n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_i=n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$$D + l_s + s - n - l_i + 1 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{l_s-1+1} \sum_{(j_s=2)}^{l_s-1+1} Q00; \\
 & \sum_{j_{ik}=l_{ik}}^{l_{ik}-1+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \sum_{n_i=Q6; (n_i+l_k+Q8;-j_s+Q9)}^{(n_i+l_k+Q8;-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}
 \end{aligned}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q0; \sum_{k=1}^{j_s} \sum_{j_s=j_{ik}-j_{sa}^{ik}}$$

$$\sum_{j_{ik}=j_{sa}^{ik}-j_{sa}}^{l_s+j_{sa}-1} \sum_{j_{sa}^{ik}=l_{sa}+n-D}^{j_i-j_s-j_{sa}}$$

$$Q20; (n_i - j_s - Q23 + 1) \sum_{n_i=Q7+Q2}^{n_i=n+l_k+Q8} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k1}}^{+Q9}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-l_{k2})} \sum_{n_s=n_{sa}+j_{sa}^{sa}-j_i-l_{k3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D > l_i \wedge n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - j_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s - j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{sa} = j_i + j_{sa} - s \wedge j_{sa}^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \overset{A1; S^{B1};}{fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; } = Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s = j_{ik} + j_{sa} + 1)} \\
 & \sum_{j_{ik} = j_{sa}^{ik} - D - j_{sa} - 1}^{l_{sa} + n + j_{sa}^{ik} - D - j_{sa} - 1} \sum_{(j_{sa} = l_{sa} + n)}^{(-l+1)} \sum_{j_i = j_{sa} + s - j_{sa}} \\
 & \overset{Q6;}{\sum_{n_i = Q7; (n_{is} = n + k + Q8; -)}^{(n_{is} + 1)}} \sum_{(n_{ik} = n + k_3 + Q8; - j_{ik} + Q9;)} \sum_{(n_{sa} = n + Q8; - j_i + Q9;)}^{(n_{ik} + j_{ik} - j_{sa}^{ik})} \sum_{n_{sa} + j_{sa} - j_i - k_3}^{Q05; } \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \\
 & \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & \overset{Q06;}{\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \overset{Q02;}{ }
 \end{aligned}$$

$$Q00; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-l_{k_1}}^{n_{is}+j_s-j_{ik}-l_{k_1}} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_{10}; -j_{ik}+Q9;}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{sa}-j_{sa}-l_{k_3})}^{(n_{sa}-j_{sa}-l_{k_3})} Q05;$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s - j_{ik} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{is} - j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j^{sa} - j_s - s)!} \cdot \frac{(l_s - 1 - j_{sa}^s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa}^{ik} - j_{sa} \leq l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2,$$

$$j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa}^{ik} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}^{ik}, j_{sa}^{ik}, Q4; \} \wedge$$

$$s \geq 6, s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{fz,C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{A1; S^{B1};} = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{i_s}=\mathbf{n}+\mathbf{k}+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{i_k}=\mathbf{n}+\mathbf{k}_2+\mathbf{k}_3+Q8; -j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-\mathbf{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbf{k}_3+Q8; -j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbf{k}_2)} \sum_{n_s=\mathbf{n}+Q8; -j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-\mathbf{k}_3} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!}$$

$$\frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} - n_{i_k} - j_{i_k})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbf{k}_2)!}$$

$$\frac{(n_s - n_{i_s} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{s_a} - j_i - \mathbf{k}_3)!}$$

$$Q00; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(D - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{i_k} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}$$

$$\sum_{j_{i_k}=l_{s_a}+\mathbf{n}+j_{s_a}^{i_k}-D-j_{s_a}}^{l_s+j_{s_a}^{i_k}-1} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})}^{(l_{s_a}-l+1)} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$\sum_{n_i=Q7; (n_{i_s}=\mathbf{n}+\mathbf{k}+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{i_k}=\mathbf{n}+\mathbf{k}_2+\mathbf{k}_3+Q8; -j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-\mathbf{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbf{k}_3+Q8; -j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbf{k}_2)} \sum_{n_s=\mathbf{n}+Q8; -j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-\mathbf{k}_3} \quad Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + j_i - n - j_i - 1)!}{(n_s + j_i - n - j_i)!}$$

$$\frac{(n - 1 - 1)!}{(n - j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_s - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{ik} - l_{ik})! \cdot (n_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

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$$D \geq n < n \wedge l \neq i_l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

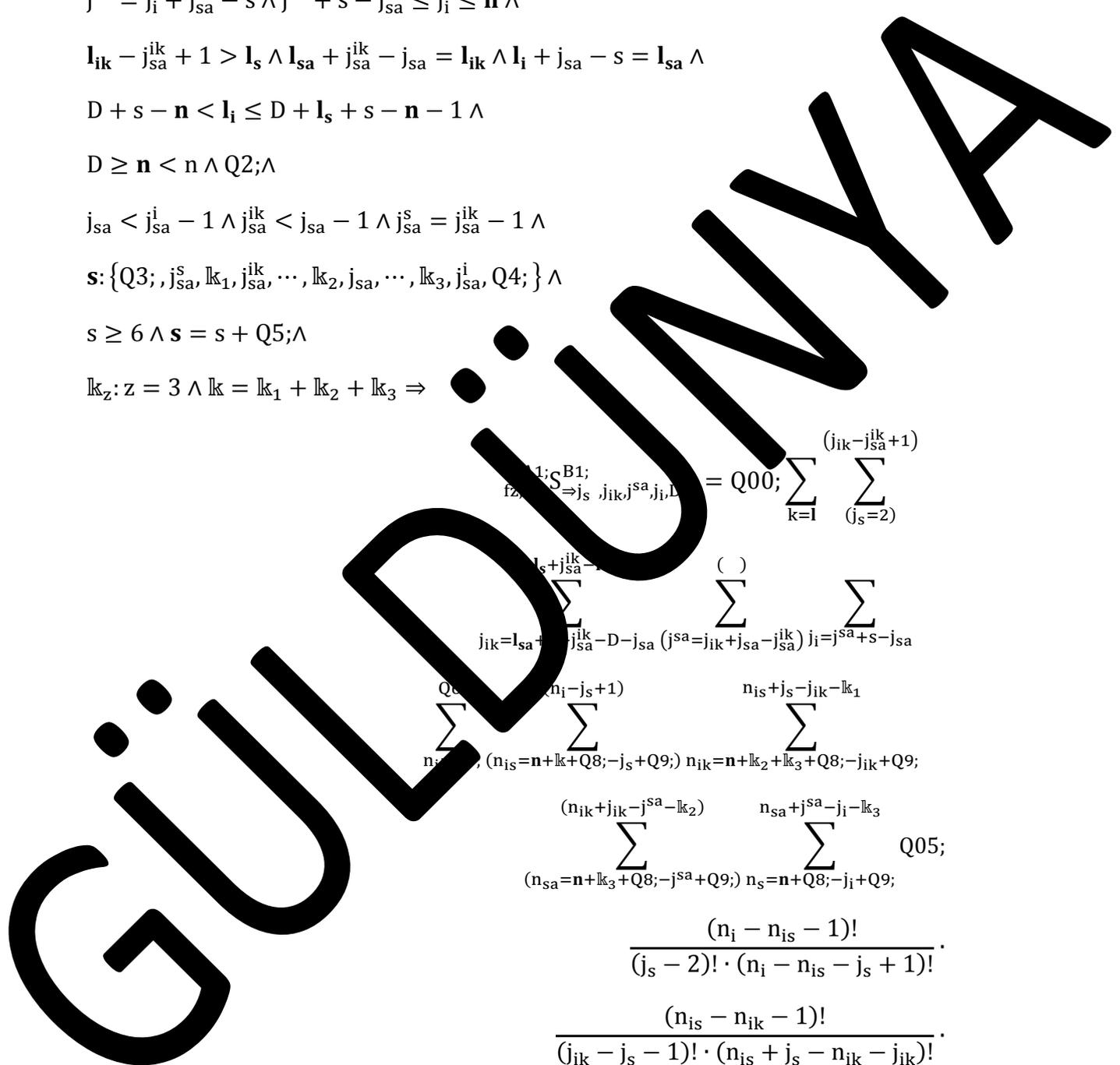
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} = Q00; \\
 & \sum_{j_{ik}=l_{sa}+j_{sa}^{ik}}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(j_{ik}-j_{sa}^{ik}+1)} \\
 & \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{(n_{is}+j_s-j_{ik}-k_1)} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_{sa}+j^{sa}-j_i-k_3)} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}
 \end{aligned}$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q00;$$

$$Q00; \sum_{k=1}^{j_s} \frac{(j_s - k - 1)!}{(j_s - k)!}$$

$$\sum_{j_{ik}=l_s}^{l_{sa} + j_{sa}^{ik} - l - 1} \sum_{j_{sa}=j_{sa}^{ik}}^{(j_{sa} - j_{sa}^{ik})} \sum_{j_{sa}=j_{sa}^{ik}}^{(j_{sa} - j_{sa}^{ik})} \dots$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)} \sum_{(n_i - j_s + 1)}^{(n_i - j_s + 1)} \sum_{(n_i - j_s + 1)}^{(n_i - j_s + 1)} \dots$$

$$Q05; \sum_{(n_i = n + l_{k3} + Q8; -j_s + Q9;)} \sum_{(n_i = n + l_{k3} + Q8; -j_s + Q9;)} \sum_{(n_i = n + l_{k3} + Q8; -j_s + Q9;)} \dots$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\)} \sum_{j_{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s-Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s}^{(\)} \sum_{k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{sa}-k_2)}^{(\)} \sum_{j_i-k_3}^{(\)} \frac{(n_s - j_s - Q31;)!}{((D + j_i - n - Q31 - j_{sa}^s)! \cdot (j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq 0 \wedge l_s \leq D - n + 1 \wedge$$

$$D - l_s + s - l_i + 1 \leq l - 1 \wedge$$

$$1 \leq j_{ik} - j_{sa}^{ik} \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i - j_{sa} - s \wedge j^{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \leq l \wedge l_{ik} - j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D - l_s - 1 \leq l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; fz, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-1-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}-j_{sa}-k_3)} Q05;$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7; +Q22}^{Q20;} \sum_{(n_i-j_s-Q23; +1)}^{(n_i-j_s-Q23; +1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_s - Q31;)!}{(l_s - j_s - Q31; - 1)! \cdot (l_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge 2 \leq l \leq D + l_s + s - n - l_i \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - 1 \wedge j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} + j_{sa} \wedge D + s - n < l_i \leq D + l_s + s - n - 1 \wedge D \geq n < n \wedge Q2; j_s < j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge s: \{Q3; j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}^{ik}, l_{sa}, Q4; \} \wedge s \geq 6; s = s + Q5; \wedge k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q_8; -j_i+Q_9)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_{k_2})!}$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - j_i)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - j_s + 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_7; (n_{is}=n+l_k+Q_8; -j_s+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q_8; -j_i+Q_9)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + n_i - n - j_i - 1)!}{(n_s + n_i - n - j_i - 1)!}$$

$$\frac{(n - 1 - 1)!}{(n - j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - 1 - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_{sa}^{ik} - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + k - l_{ik} - j_{sa}^{ik})!}{(j_{ik} - j_{sa} - j^{sa} - l_{ik} - j_{sa}^{ik} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-1+1}^{l_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

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$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - 1)!}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - 1)!}{(j_s + l_{ik} - j_{ik} - l_s - 1)! \cdot (j_{ik} - j_s - 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})!}{(j_{ik} + l_{sa} - j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}^{ik})!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q000; $\sum_{k=1}^{()} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()}$

$$\sum_{j_{ik} = l_{sa} - j_{sa}^{ik} - D - j_{sa}}^{j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = j^{sa} + s - j_{sa}}^{()}$$

$$\sum_{i=Q7; +Q22; (n_{is} = n + k + Q8; -j_s + Q9;)}^{(n_i - j_s - Q23; +1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - k_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - k_2)}^{()} \sum_{n_s = n_{sa} + j^{sa} - j_i - k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned} & \sum_{j_s=1}^{(l_{sa}-D-j_{sa})} \sum_{(j_s=2)}^{(l_{sa}-D-j_{sa})} = Q \\ & \sum_{j_{ik}=j_s+j_{sa}-1}^{(l_{sa}-1+1)} \sum_{(j_s=2)}^{(l_{sa}-1+1)} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(l_{sa}-1+1)} \\ & \sum_{n_i=Q_6; (n_i+l_k+Q_8;-j_s+Q_9)}^{(l_{sa}-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8;-j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1} \\ & \sum_{(n_{sa}=n+k_3+Q_8;-j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q_8;-j_i+Q_9)}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05; \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\ & \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\ & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\ & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \\ & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \end{aligned}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(l_{ik} - j_{sa}^{ik} + 2)} \sum_{i=l_{sa}+n-j_{sa}+1}^{\dots}$$

$$\sum_{j_{ik}=j_s+j_{ik}^{(l+1)}} \sum_{(j_{sa}=j_{ik}+j_{sa}^{(l+1)})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8; \dots +Q9); n_{ik}=\dots +Q8; -j_{ik}+Q9;}$$

$$\sum_{(n_{ik}+j_{ik}-j_{sa}^{(l+1)})} \sum_{(n_{sa}=\dots +Q8; -j_{sa}+Q9); n_s=n+Q8; -j_i+Q9;} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

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$$Q000; \sum_{k=1}^{(l_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}^{ik}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa})}^{()} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_s - j_i - n - Q31 - j_{sa}^s)!}{(n_s - j_i - n - Q31 - j_{sa}^s)! \cdot (j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq n - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l - 1$$

$$1 \leq j_{ik} - j_{sa}^{ik} \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - j^{sa} \wedge j^{sa} + j_{sa} \leq j_i \wedge n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - l_{sa} \leq l_{sa} \leq D - l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q$$

$$j_{sa} < j_{sa}^i \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; j_{sa}^{k_1}, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(I_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(I_{sa}-1+1)} \sum_{(j^{sa}=I_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_{10}; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{(n_{sa}-j_{sa}-k_3)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_s + j_i - 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} + j_{sa} - n_{ik} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(I_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=I_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; +Q22}^{Q20;} \sum_{(n_i-j_s-Q23; +1)}^{(n_i-j_s-Q23; +1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s)!} \cdot \frac{(l_s - 1 - j_{sa}^s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$
 $2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} \wedge$
 $1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$
 $j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$
 $l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} \leq l_{sa} \wedge$
 $D + j_{sa} - n < l_{sa} \leq D + l_{ik} - n - j_{sa}^{ik} \wedge$
 $D \geq n < n \wedge Q2;$
 $j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$
 $s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}^{ik}, j_{sa}^{ik}, Q4; \} \wedge$
 $s \geq 6, s = s + Q5; \wedge$
 $k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$$\sum_{fz, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{A1; S B1;} = Q00; \sum_{k=1}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+l_3+Q_8;-j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q_8;-j_i+Q_9)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_{k_2})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_s - n - j_i - l_s)!} \cdot (n - j_i)! \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_s - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q_7; (n_{is}=n+l+Q_8;-j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_2+l_3+Q_8;-j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_3+Q_8;-j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q_8;-j_i+Q_9)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - 1)!} \cdot$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$

$$\frac{(l_s - l_i - 1)!}{(l_s - l_i - l + 1)! \cdot (l_i - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_i - 1)! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!} \cdot$$

(D - l_i) Q04; $\frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$

Q00; $\sum_{k=1}^{(l_s - l_i - 1)} \sum_{(j_s = l_{sa} + n - D - j_{sa} + 1)}$

$$\sum_{j_s = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

Q20; $\sum_{(n_i - j_s - Q23; +1)}$

Q7; +Q22; $(n_{is} = n + k + Q8; -j_s + Q9;)$ $n_{ik} = n_{is} + j_s - j_{ik} - k_1$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned} & \sum_{k=1}^{(s-1-1)} \sum_{(j_s=2)}^{(s-1-1)} \sum_{(j_{ik}=j_s+j_{sa}-1)}^{(l_{sa}-1+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-1+1)} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(l_{sa}-1+1)} \\ & \sum_{(n_i=Q_3)}^{(Q_6; -j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q_8; -j_s+Q_9)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9)}^{(n_{sa}+j^{sa}-j_i-k_3)} \sum_{(n_s=n+Q_8; -j_i+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \end{aligned}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q000 \sum_{k=0}^{l_s - l} \sum_{j_s = l_{sa} + n - D - j_{sa} - k}^{l_s - l - k} \dots$$

$$\sum_{j_{ik} = j_{sa}^{ik} - 1}^{j_{sa}^{ik} - 1} \sum_{j_{sa} = j_{sa}^{ik} - j_{ik} + j_{sa} - j_{sa}^{ik}}^{j_{sa}^{ik} - j_{ik} + j_{sa} - j_{sa}^{ik}} \dots$$

$$Q20; \sum_{n_i = Q7; + Q8}^{(n_i = Q23; + 1)} \sum_{(n_{is} = n + k + Q8; + Q9)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - k_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j_{sa} - k_2)} \sum_{n_s = n_{sa} + j_{sa} - j_i - k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - s + s - n - l_i \wedge$$

$$j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{ik} + j_{sa} - j_{sa} \wedge$$

$$j_{sa} = j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{(n-D-j_{sa})} \sum_{(j_s-2)}^{(n-D-j_{sa})} = Q00; \\
 & \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-1-j_{sa}+1}^{l_{sa}+j_{sa}^{ik}-1-j_{sa}+1} \sum_{(j_i=j_{sa}+s-j_{sa})}^{(n-D-j_{sa})} \\
 & \sum_{(n_{is}=n+k+Q8; -j_{ik}+Q9;)}^{(n_{is}+1)} \sum_{(n_{ik}=k_2+k_3+Q8; -j_{ik}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}^{ik})} \sum_{(n_{sa}=n+k_2+Q8; -j_i+Q9;)}^{(n_{sa}+j_{sa}-j_i-k_3)} \\
 & \sum_{(j_s-2)}^{(n_{is}+1)} \sum_{(n_{ik}=k_2+k_3+Q8; -j_{ik}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}^{ik})} \sum_{(n_{sa}=n+k_2+Q8; -j_i+Q9;)}^{(n_{sa}+j_{sa}-j_i-k_3)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;
 \end{aligned}$$

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$$Q00; \sum_{k=1}^{(l_s-1-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{sa}+j_{sa}^{ik}-1-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_{10}; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{(n_{sa}-j_i-k_3)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_s + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{ik} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(l_s-1-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7; +Q22}^{Q20;} \sum_{(n_i-j_s-Q23; +1)}^{(n_i-j_s-Q23; +1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s - Q31;)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - 1)! \cdot (l - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} + j_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2,$$

$$j_s < j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}^{ik}, l_i, j_{sa}, Q4; \} \wedge$$

$$s \geq 6, l_i = s + Q5; \wedge$$

$$k_z: z = 3 \wedge l_i = k_1 + l_i + k_3 \Rightarrow$$

$$\sum_{fz, C1; \Rightarrow j_s}^{A1; S^{B1};} \sum_{j_{ik}, j_{sa}, j_i, D1;} = Q00; \sum_{k=1}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=n+k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q_8; -j_i+Q_9}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_s - l_{k_2})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_s - n - j_i - l_{k_3})! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - j_s + 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

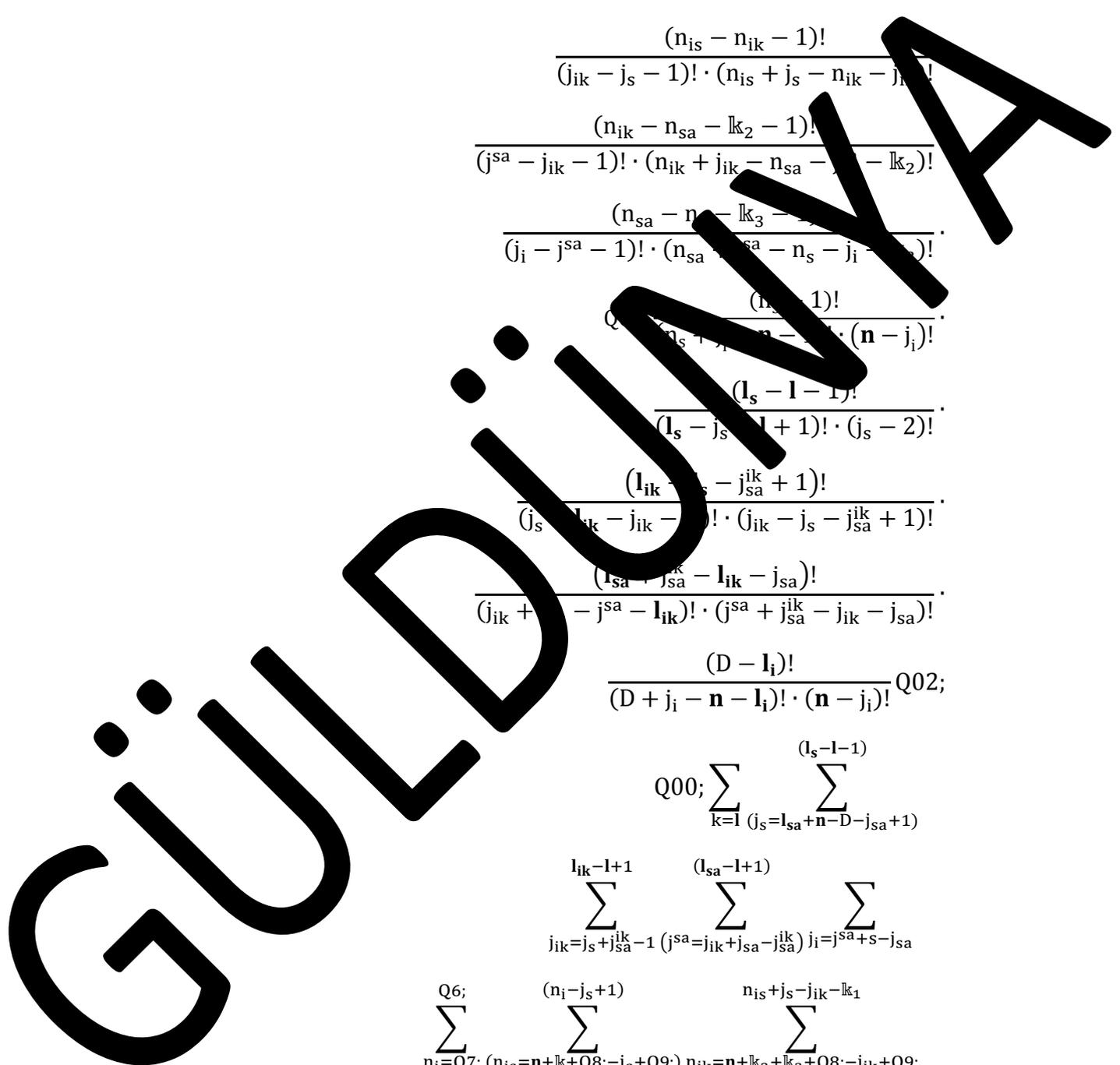
$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q_7; (n_{is}=n+l_k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q_8; -j_i+Q_9}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$



$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + j_i - n - j_i - 1)!}{(n_s + j_i - n - j_i)!}$$

$$\frac{(n_s - 1 - 1)!}{(n_s - j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - 1 - j_{sa}^{ik} - 1)!}{(j_s + l_{ik} + j_{ik} - l_{sa}^{ik} - j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik} - j_{sa}^{ik} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}^{ik})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(l_s - 1 - 1)} \sum_{(j_s = l_{sa} + n - D - j_{sa} + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; + Q22; (n_{is} = n + k + Q8; - j_s + Q9;)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - k_1} \sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{i_1=1; S^B1, i_2 \Rightarrow j_s, j_{ik}, j_i, D1;} = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$$

$$\sum_{i_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{ik}+s+n-D-j_{sa}^{ik}}^{l_s+s-1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \text{ Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l)!}{(D + j_i - l - l_i)! \cdot (l - l_i)!} \quad Q02;$$

$$Q03; \sum_{(j_s=2)}^{(l_s-1)} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}^{ik})}^{(l_{ik}+s-1-j_{sa}^{ik}+1)} \sum_{(j_i=l_s+s-l+1)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_i=Q7; (n_{is}=n+k_2+k_3+Q8;-j_s+Q9); n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9; (n_{sa}=n+k_3+Q8;-j^{sa}+Q9); n_s=n+Q8;-j_i+Q9;)}^{(n_{is}+1)}$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_{sa}+j^{sa}-j_i-k_3)}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q04;}$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=1}^{l_i-1} \sum_{j_{sa}=1}^{n-j_{sa}^{ik}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+Q8;+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=1}^{n_i-1} \sum_{j_s=j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_i-j_s-k_2)}^{(\cdot)} \sum_{j_{sa}=1}^{n_{sa}+j_{sa}^{ik}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_{sa} - s - Q31;)!}{(j_i - j_{sa} - Q31; - j_{sa})! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l_i \leq l_i \wedge l_s \leq l_s - n + 1 \wedge$$

$$D + l_i + s - n - l_i + 1 \leq l_i \leq l_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{ik} - j_{sa} - s \wedge j_{sa}^{ik} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & f_{z,C1;S^B1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; } = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \\
 & \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_{ik}+j_{sa}-D-j_{sa}^{ik}} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=n-k_2+k_3+Q8;-j_{ik}-Q9;} \\
 & \sum_{(n_{ik}+j_{sa}-k_2)} \sum_{(n_{is}=n-k_3+Q8;-j_s+Q9); n_s=n-k_3+Q9;} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04; \\
 & Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}
 \end{aligned}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_{ik}+s+n-D-j_{sa}^{ik}}^{l_s+s-1}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_i=j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}^{sa}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j_s-j_{ik}^{sa}-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

$$\frac{(j_s - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1$

$2 \leq l \leq D + l_s + s - n - l_i$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j^{sa} + j_{sa} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{ik}^{sa} + 1 > l_s + j_{sa} + j_{sa}^{ik} - j_{sa} = l_s \wedge l_{sa} - j_{sa} - s = l_{sa} \wedge$

$D - s - n < l_s \leq D + l_s + s - n - 1 \wedge$

$D > n < n \wedge Q2;$

$j_{sa} < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa}^{ik} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; j_{sa}^s, k_1, j_{sa}^{ik}, \dots, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \leq 5 \wedge s \leq s + Q5; \wedge$

$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$$f_{z,C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q6;}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)}^{(n_{is}=n+l_k+Q8;-j_s+Q9;)} \sum_{(n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9;)}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{(n_{sa}+j^{sa}-j_i-l_{k_3})}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - n_{is} + j_{ik} - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{ik} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_{ik}+j_{sa}-1-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q6;}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)}^{(n_{is}=n+l_k+Q8;-j_s+Q9;)} \sum_{(n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9;)}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

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$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_{i}-k_3)} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - k_2)!}$$

$$\frac{(n_{sa} - n_{sa} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_{sa} - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \binom{()}{}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \binom{(l_s+j_{sa}-1)}{}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n_{sa}+j^{sa}-j_i-k_3)} \binom{()}{}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^i - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, \dots, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$f_{i,j_s,j_{ik},j^{sa},j_i,D1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; } S^{B1}; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{ik}+j_{sa}-1-j_{sa}^{ik}+1)}$$

$$\sum_{n_i=Q7; }^{Q6;} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - 1)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - 1)!}{(j_s + l_{ik} - j_{ik} - l_s - 1)! \cdot (j_{ik} - j_s - 1)!}$$

$$\frac{(D - l_i)!}{(n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q00; \sum_{k=1}^{j_i} \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{j_i}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+j_{sa}-j_s}^{j_i} \sum_{j_i=j^{sa}+s-j_{sa}}^{n+j_{sa}-D-j_{sa}^{ik}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{j_i=Q7+Q8}^{(n_i-j_s-Q23+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S B1; f_z, C1; \Rightarrow j_s, j_{ik}, \dots, j_{sa} = Q00, \sum_{j_s=2}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{(l_s+1)}$$

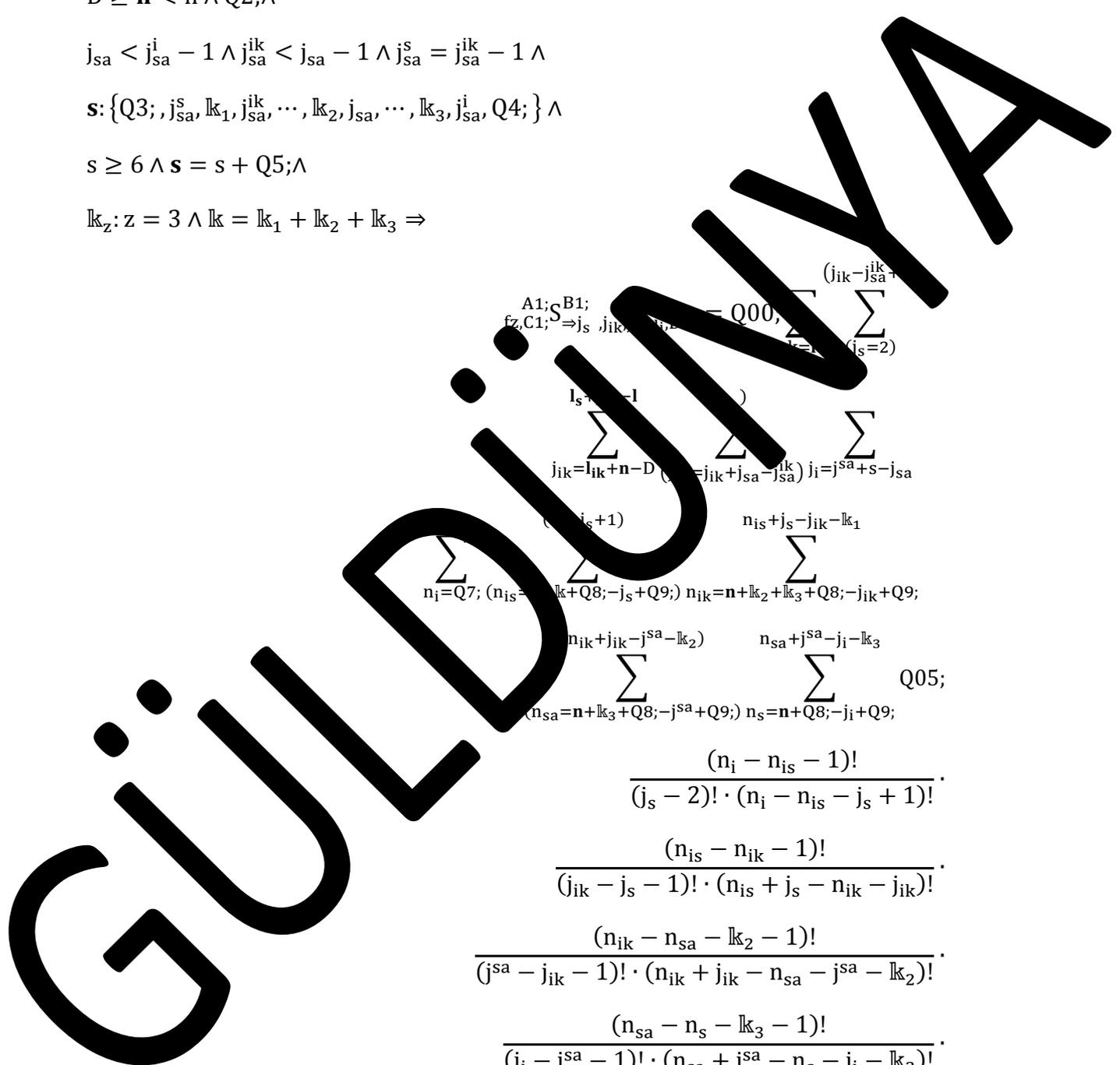
$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_{is}+1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{sa}+j^{sa}-j_i-k_3)}$$

$$Q05; \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$



$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-1+1}^{l_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa})} \sum_{(j_s=j_s-j_{sa})}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -)}^{(n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{(n+l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9;)}$$

$$\sum_{(n_{sa}=n+l_{k_3}+l_{k_2}+j_{sa}+Q9; -)} \sum_{(n+Q8; -j_i+Q9;)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

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$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j_{sa}+s-1}^{(\cdot)}$$

$$Q20; \sum_{n_i=Q7;+Q22}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-l_{k_1})}^{(\cdot)} \sum_{(n_s=n_{sa}+j_{sa}-j_i)}$$

$$\frac{(n_s + j_i - n - Q31 - j_{sa}^s)!}{(n_s + j_i - n - Q31 - j_{sa}^s)! \cdot (n_s - j_s - 1)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i - 1)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq n - 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + j_s + j_{sa}^{ik} - 1 \leq j_{sa}^{ik} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_s^s = j_i + j_{sa} - j_{sa}^{ik} + j_{sa}^{ik} \leq j_i \wedge n$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_s + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - l_i \leq D + l_i - s - n - 1 \wedge$$

$$D \geq n < n \wedge Q4;$$

$$j_{sa} < j_{sa}^i \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; \dots, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}, \dots, l_{k_3}, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 6 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_k = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$A1; S^{B1}; fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q4; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-j_{sa}^{ik}-k_3)}^{(j_{sa}-j_{sa}^{ik}-k_3)} Q05;$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{sa}^{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j_{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} + j_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2,$$

$$j_s < j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, k_1, j_{sa}^{ik}, k_2, j_{sa}^{ik}, l_{sa}, Q4; \} \wedge$$

$$s \geq 6, s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{k=1}^{A1;S^B1; f_z,C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \sum_{k=1}^{(l_{ik}+n-D-j_{sa}^{ik})} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}-l+1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_s - n_{sa} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{sa} - j_i - k_3)!}$$

$$Q00; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(D - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s - n_i - n - j_i - 1)!}{(n_s + n_i - n - j_i - 1)!}$$

$$\frac{(n - 1 - 1)!}{(n - j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - 1 - j_{sa}^{ik} - 1)!}{(j_s + l_{ik} - j_{ik} - l_{sa}^{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(l_s - 1 + 1)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$Q20; \sum_{n_i = Q7; + Q22; (n_{is} = n + k + Q8; - j_s + Q9;)} \sum_{(n_i - j_s - Q23; + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - k_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

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$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

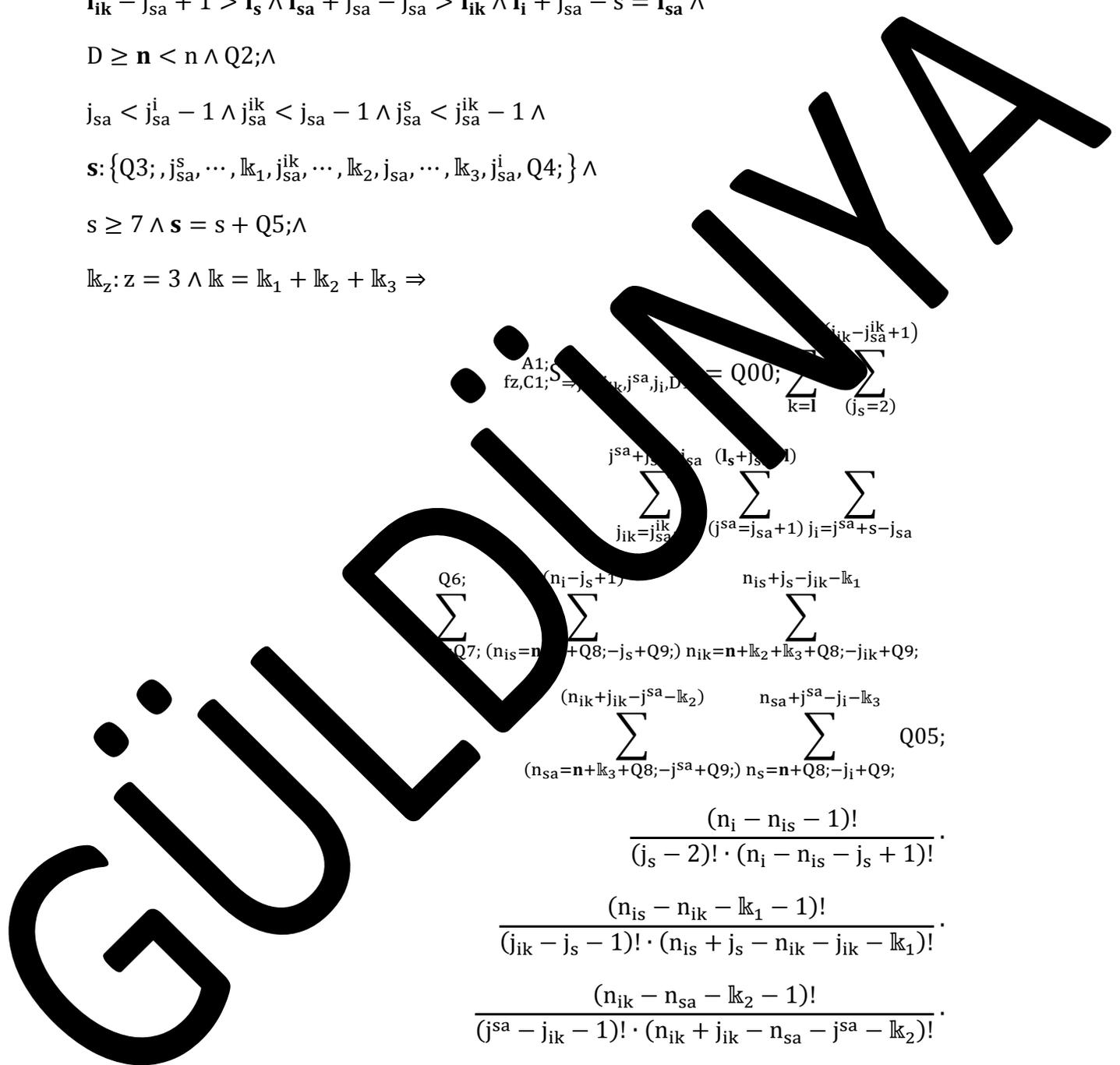
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j_{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_s-1)} \sum_{(j_i=j^{sa}+s-j_{sa})} \\
 & \sum_{(n_i=n+Q8;-j_s+Q9)}^{Q6; (n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{(n_{is}+j_s-j_{ik}-k_1)} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_{sa}+j^{sa}-j_i-k_3)} \quad Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot
 \end{aligned}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0;$$

$$Q00; \sum_{k=1}^{l_s-1} (j_s - k - 1 + 1)$$

$$\sum_{j_{ik}^{sa} + j_{sa}^{ik} - j_{sa} - l_s - 1 - j_{sa}^{ik}} \sum_{j_{ik}^{sa} - k + 1} (j_{sa}^{sa} + j_{sa} - l + 1) \sum_{j_i - j_s + s - j_{sa}}$$

$$\sum_{n=Q6; (n_{is} = n + Q7; -j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{k=n+l_k2+l_k3+Q8; -j_{ik}+Q9;}^{(n_i - j_s + 1)} \sum_{k=1}^{j_s - j_{ik} - k_1}$$

$$\sum_{(n_i = n + k_3 + Q8; -j_{sa} + Q9;)}^{(n_i - j_s - 2)} \sum_{n_{sa} + j_{sa} - j_i - k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

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$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s = 2)}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_{ik} - l + 1} \sum_{(j_{sa} = l_{ik} + j_{sa} - l - j_{sa})}^{(l_i + j_{sa} - l - s + 1)} \sum_{(j_{is} = j_{sa} - j_{sa})}$$

$$Q6; \sum_{n_i = Q7; (n_i = n + k + Q8; -j_{ik} + Q9; n + k_2 + Q8; -j_{ik} + Q9; n_{sa} = n + k_3 + Q9; -j_{sa} + Q9; n + Q8; -j_i + Q9;)}^{(n_i - j_s + 1)} \sum_{(j_{is} + j_s - j_{ik} - k_1)} \sum_{(j_{sa} = n + k_3 + Q9; -j_{sa} + Q9; n + Q8; -j_i + Q9;)} \sum_{(j_{sa} = n + k_3 + Q9; -j_{sa} + Q9; n + Q8; -j_i + Q9;)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

GÜLDENWALD

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{Q20; (n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa})}^{(\cdot)} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_s - j_i - n - Q3; - j_{sa}^s)!}{(n_s - j_i - n - Q3; - j_{sa}^s)! \cdot (l_s - j_s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$((D \geq n < n \wedge l \neq j_i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i \leq n$$

$$(l_{ik} - j_{sa}^{ik} + 1 > l_{sa} + j_{sa} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}) \vee$$

$$(D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_{sa} \wedge$$

$$(D \geq n < n) \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, l_{k1}, j_{sa}^{ik}, \dots, l_{k2}, j_{sa}, \dots, l_{k3}, j_{sa}^i, Q4; \} \wedge$$

$s \geq 7 \wedge s = s + Q5; \wedge$

$lk_z: z = 3 \wedge lk = lk_1 + lk_2 + lk_3 \Rightarrow$

$$\begin{aligned}
 & \overset{A1; S^{B1};}{fz, C1; S \Rightarrow j_s} j_{ik} j^{sa} j_i D1; = Q00; \left(\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)} \right. \\
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s + j_{sa} - 1)} \sum_{j_i=1}^{l_s + s - j_{sa}} \\
 & \sum_{n_i=Q7; (n_{is}=n+lk+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n_{sa}+lk_3+Q8; -j_{ik}+}^{(n_i-j_s+1)} \sum_{n_s=n+lk_3+Q8; -j_i+}^{(n_i-j_s+1)} \\
 & \sum_{(n_{sa}=n_{sa}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik})} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{n_{sa} - j_i - lk_3} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - lk_1 - 1)!}{(n_{is} + j_s - n_{ik} - j_{ik} - lk_1)!} \\
 & \frac{(n_{ik} - n_{sa} - lk_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - lk_2)!} \\
 & \frac{(n_{sa} - n_s - lk_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - lk_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +
 \end{aligned}$$

GÜLDENYA

$$\sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=I_s+j_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j}^{(I_{ik}+j_{sa}-1-j_{sa}^{ik}+1)}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q9-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_{sa}-j_{sa}-k_3)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_s + j_i - 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_j)!}{(D + j_i - n - I_j)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)}$$

GÜLDÜZ

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j_{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{n_s=n+Q8+l_{k_3}+Q9;}^{(n_{sa}+j_{sa}-j_i-l_{k_3})}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 2)! \cdot (j_s - l_{k_1} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 2)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-1+1}$$

GUIDANCE

$$\sum_{n_i=Q_6}^{Q_6} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q_8; -j_{i_k}+Q_9)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbb{k}_3+Q_8; -j^{s_a}+Q_9)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)} \sum_{(n_s=\mathbf{n}+Q_8; -j_i+Q_9)}^{n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3} \quad Q_{05};$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!}$$

$$\frac{(n_{i_s} - n_{i_k} - \mathbb{k}_1 - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbb{k}_2)!}$$

$$\frac{(n_s - n_{i_s} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j_i - n_{i_s} - \mathbb{k}_3)!}$$

$$Q_{06} \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{i_k} - l_s - j_{s_a}^{i_k} + 1)!}{(j_s - l_{i_k} - j_{i_k} - l_s)! \cdot (j_{i_k} - j_s - j_{s_a}^{i_k} + 1)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + l_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(l_i + j_{s_a} - l_{s_a} - s)!}{(j^{s_a} + l_i - j_i - l_{s_a})! \cdot (j_i + j_{s_a} - j^{s_a} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - \mathbf{n} - l_i)! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{i_k}=j_{s_a}^{i_k}+1}^{j^{s_a}+j_{s_a}^{i_k}-j_{s_a}} \sum_{(j^{s_a}=l_s+j_{s_a}-1+1)}^{(l_{i_k}+j_{s_a}-1-j_{s_a}^{i_k}+1)} \sum_{j_i=j^{s_a}+s-j_{s_a}+1}^{l_i-1+1}$$

GÜLDÜZYAN

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{i_s}=n+l_k+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{n_{i_k}=n+l_k+l_{k_3}+Q8; -j_{i_k}+Q9}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8; -j^{s_a}+Q9)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8; -j_i+Q9}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!}$$

$$\frac{(n_{i_s} - n_{i_k} - l_{k_1} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - l_{k_1})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_s - n_{i_s} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j_i - n_{i_s} - l_{k_3})!}$$

$$Q06 \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{i_k} - l_s - j_{s_a}^{i_k} + 1)!}{(j_s - l_{i_k} - j_{i_k} - l_s)! \cdot (j_{i_k} - j_s - j_{s_a}^{i_k} + 1)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + l_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(l_i + j_{s_a} - l_{s_a} - s)!}{(j^{s_a} + l_i - j_i - l_{s_a})! \cdot (j_i + j_{s_a} - j^{s_a} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{i_k}=j_{s_a}^{i_k}+1}^{l_{i_k}-1+1} \sum_{(j^{s_a}=l_{i_k}+j_{s_a}-1-j_{s_a}^{i_k}+2)}^{(l_{s_a}-1+1)} \sum_{j_i=j^{s_a}+s-j_{s_a}+1}^{l_i-1+1}$$

GÜLDÜZÜMÜ

$$\sum_{n_i=Q_6}^{Q_6} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{i_s}=n+l_k+Q_8; -j_s+Q_9}^{n_{i_s}+j_s-j_{ik}-l_{k_1}} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8; -j_{ik}+Q_9}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q_8; -j_i+Q_9}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - l_{k_3})!}$$

$$Q00; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

GÜLDÜZMAYA

$$\sum_{n_i=Q7; +Q22; (n_{i_s}=n+k+Q8; -j_s+Q9;)}^{Q20; (n_i-j_s-Q23; +1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-k_1} \sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-k_2)}^{()} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-k_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{s_a}^s)! \cdot (n + j^{s_a} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)!} \cdot \frac{Q44;}{(n - j_i)!}$$

$D \geq n < n \wedge l \neq j_i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{i_k} - j_{s_a}^{i_k} + 1 \wedge j_s + j_{s_a}^{i_k} - 1 \leq j_{i_k} \leq j^{s_a} + j_{s_a}^{i_k} - j_{s_a} \wedge$

$j^{s_a} = j_i + j_{s_a} - s \wedge j^{s_a} + s - j_{s_a} \leq j_i \leq j^{s_a} \wedge$

$l_{i_k} - j_{s_a}^{i_k} + 1 = l_s \wedge l_{s_a} + j_{s_a}^{i_k} - j_{s_a} > l_{i_k} \wedge l_{i_s} - j_{s_a} - s = l_{s_a}$

$D \geq n < n \wedge Q2; \wedge$

$j_{s_a} < j_{s_a}^i - 1 \wedge j_{s_a}^{i_k} < j_{s_a} - 1 \wedge j_{s_a} < j_{s_a}^{i_k} - 1 \wedge$

$s: \{Q3; , j_{s_a}^s, \dots, k_1^{i_k}, \dots, k_2, j_{s_a}, \dots, j_{s_a}^i, j_{s_a}^i, \dots\} \wedge$

$s \geq 7 \wedge s = n + Q5; \wedge$

$k_z: z = 3 \wedge k = n + k_2 + \dots \Rightarrow$

$fz, C1; \Rightarrow_{j_s}^{A1; S^{B1};} j_{i_k} j^{s_a} j_i, D1; = Q00; \sum_{k=1} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}^{()}$

$\sum_{j_{i_k}=j_{s_a}^{i_k}+1}^{l_{i_k}-l+1} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})}^{(l_i+j_{s_a}-l-s+1)} \sum_{j_i=j^{s_a}+s-j_{s_a}}$

$\sum_{n_i=Q7; (n_{i_s}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{i_k}=n+k_2+k_3+Q8; -j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-k_1}$

$$\sum_{(n_{sa}=n+l_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_2)} \sum_{n_{sa}+j^{sa}-j_i-l_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_1)!}$$

$$\frac{(n_{ik} - n_{sa} - l_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - l_2)!}$$

$$\frac{(n_{sa} - n_{sa} - l_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - l_1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+l+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^{ik}\} \wedge$

$s \geq 7 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$\dots B1; \dots Q00; \left(\sum_{k=1}^{l_{ik}-l+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \dots \right)$

$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \text{ Q05;}$

$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$

$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$

$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - l_i)!} Q02;$$

$$Q0; \sum_{j_{sa}^{ik}+1}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-1} \sum_{(j^{sa}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;} \sum_{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);} \sum_{n_{ik}+j_{ik}-j^{sa}-k_2} \sum_{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}+j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=i_{ik}^{l-1+1}}^{()} \sum_{(j_{sa}=j_{ik}+j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22; (n_{is}=n_{is}+Q8;-j_s+...)}^{(n_i-j_s+...+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{n_s=n_{ik}+j_s-j_{sa}-l_{k2}} \sum_{n_s=n_{sa}+j_{sa}^{ik}-j_i-l_{k3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$\geq n < n \wedge l \neq i \wedge l \leq D + s - n \wedge$$

$$1 \leq j_i \leq j_{ik} - 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^s = j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_{sa} = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, l_{k1}, j_{sa}^{ik}, \dots, l_{k2}, j_{sa}, \dots, l_{k3}, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{j_s=0}^{A_1; S^{B_1}; f_z, C_1; \Rightarrow} \sum_{j_{ik}=0}^{j_{sa}} j_{ik}^{j_{sa}} j_i^{D_1} = Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \\
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{I_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(I_i+j_{sa}-I-s+1)} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}}^{(\cdot)} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n+k_3}^{(n_{sa}+j_s-j_{sa}-k_2)} \sum_{n_s=n-j_i+Q9}^{(n_{sa}+j_s-j_{sa}-k_3)} \\
 & \frac{(n_{ik}+j_{ik}-j_{sa}-k_2)}{(n_{sa}+j_{sa}-j_i-k_3)} \frac{(n_{sa}+j_{sa}-j_i-k_3)}{(n_{sa}+j_{sa}-n_s-j_i-k_3)} \\
 & \frac{(n_{sa}+j_{sa}-n_s-j_i-k_3)}{(n_{sa}+j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!} \\
 & \frac{(n_{sa}-n_s-k_3-1)!}{(j_{sa}-j_{sa}^{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!} \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \\
 & \frac{(I_s-1-1)!}{(I_s-j_s-1+1)! \cdot (j_s-2)!} \\
 & \frac{(I_{sa}+j_{sa}^{ik}-I_{ik}-j_{sa})!}{(j_{ik}+I_{sa}-j_{sa}-I_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \frac{(D-I_i)!}{(D+j_i-n-I_i)! \cdot (n-j_i)!} Q04; \\
 & Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}
 \end{aligned}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{I_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - n - Q31; -j_{sa}^{sa})! \cdot (n + j_{sa}^{sa} - s)!}$$

$$\frac{(j_s - 1 - 1)!}{(j_s - 1 + Q)! \cdot (j_s - 2)!}$$

$$\frac{(Q - I_i)!}{(n + j_i - n - I_i)! \cdot (n - j_i)!} \quad Q044;$$

$D \geq n < n \wedge I \neq j_i \wedge I_i \leq D + s - n \wedge$
 $1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j_s + j_{sa}^{ik} - j_{sa}$
 $j_{sa}^{sa} = j_i + j_{sa} - s \wedge j_{sa}^{sa} + s \leq j_i \leq n$
 $I_{ik} - j_{sa}^{ik} + 1 > I_s \wedge I_{sa} + j_{sa}^{ik} - j_{sa} = I_{ik} \wedge I_i - j_{sa} - s = I_{sa} \wedge$
 $D \geq n < n \wedge Q2;$
 $j_s < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$
 $s: \{Q2; j_{sa}^s, \dots, k_1, j_{sa}^s, \dots, k_2, j_{sa}^s, \dots, k_3, j_{sa}^i, Q4;\} \wedge$
 $\geq 7 \wedge s + Q5; \wedge$
 $k_z: z = 3 \wedge k_1 + k_2 + k_3 \Rightarrow$

$$\overset{A1;S^B1;}{fz,C1; \Rightarrow j_s, j_{ik}, j_{sa}^{sa}, j_i, D1;} = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{I_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_3}+Q8; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_s - n_{sa} - l_{k_3} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j_i - n_{sa} - l_{k_3})!}$$

$$Q01; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(D - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_3}+Q8; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - n_i - n - j_i - 1)!}{(n_s - n_i - n - j_i)!}$$

$$\frac{(n - 1 - 1)!}{(n - j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - 1 - j_{sa}^{ik} - 1)!}{(j_s + l_{ik} - j_{ik} - l_{sa}^{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

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$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{k=1}^{(\cdot)} (j_s = j_{ik} - j_{sa}^{ik} + 1)$$

$$\sum_{j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(l_{sa}-l_i+j_{sa}^{ik}-j_{sa})}^{(l_{sa}-l_i+j_{sa}^{ik}-j_{sa})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{Q6; (n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{Q7; (n_{is}=n+Q8;-j_s+Q9);}^{(n_{is}=n+Q8;-j_s+Q9);} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_i-k_3}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q1; \left(\sum_{k=1}^{j_s} \sum_{(j_s=j_{ik}-j_{sa}^{ik})} \dots \right)$$

$$\sum_{(j_{ik}=j_s-1) \dots} \sum_{(j_{sa}=j_{ik}-j_{sa}^{ik})} \dots \sum_{(j_i=j_{sa}+s-j_{sa}+1)} \dots$$

$$Q6; \sum_{(n_i=n_{is}-1)} \sum_{(n_i=n_{is}-1)} \dots \sum_{(j_s-j_{ik}-k_1)} \dots$$

$$Q7; (n_{is}=n_{is}-1) \dots (n_{ik}+j_{ik}-n_{sa}-j_{sa}^{ik}-k_2) \dots (n_s=n+k_2+k_3+Q8; -j_{ik}+Q9;)$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{(j^{sa}=j_{ik}-j_{sa}^{ik})}$$

$$Q20; \sum_{n_i=Q7-Q22; (n_{is}=n+Q8; j_s=j_s)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{ik}=j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n_{ik}-j^{sa}-k_2; n_{sa}=n_{sa}+j^{sa}-j_i-k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(j_i - j_s - Q31; - l_{sa})! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq 1 \wedge l_i \leq \dots + s \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_s - s \wedge j^{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_s - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; fz, C1; \Rightarrow_{j_s} j_{ik} j^{sa}_{j_i, D1}; = Q00; \left(\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s + j_{sa}^{ik} - 1} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i=j^{sa}+s} \sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)} \sum_{n_{ik}=n+l_k+l_3+Q8; -j_{ik}+Q9;} \sum_{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{sa}=n+l_3+Q8; -j^{sa}+Q9;)} \sum_{(n_{sa}+j_s-j_i-l_{k_1})} Q05;$$

$$\frac{(n_{is}-1)!}{(j_s-1)! \cdot (n_i-j_s+1)!} \cdot \frac{(n_{ik}-n_{is}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-j_{ik}-l_{k_1})!} \cdot \frac{(n_{ik}-n_{is}-l_{k_2}-1)!}{(j_{ik}-j_{ik}-1)! \cdot (n_{is}+j_{ik}-n_{sa}-j^{sa}-l_{k_2})!} \cdot \frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-l_{k_3})!} \cdot Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-1+1}^{l_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{iS}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{iK}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{iK}+Q9;)}^{n_{iS}+j_s-j_{iK}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{iK}+j_{iK}-j^{sa}-\mathbb{k}_2)} \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \quad Q05;$$

$$\frac{(n_i - n_{iS} - 1)!}{(j_s - 2)! \cdot (n_i - n_{iS} - j_s + 1)!} \cdot \frac{(n_{iS} - n_{iK} - \mathbb{k}_1 - 1)!}{(j_{iK} - j_s - 1)! \cdot (n_{iS} + j_s - j_{iK} - \mathbb{k}_1)!}$$

$$\frac{(n_{iK} - n_{sa} - 1)!}{(j^{sa} - j_{iK} - 1)! \cdot (n_{iK} + j_{iK} - n_{sa} - j^{sa} - \mathbb{k}_2)!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - \mathbb{k}_3)!}$$

$$Q00; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(D - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{iK} - l_s - j_{sa}^{iK} + 1)!}{(j_s - l_{iK} - j_{iK} - l_s)! \cdot (j_{iK} - j_s - j_{sa}^{iK} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \left(\sum_{k=1}^{(j_{iK} - j_{sa}^{iK} + 1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{iK}=j_{sa}^{iK}+1}^{l_s+j_{sa}^{iK}-1} \sum_{(j^{sa}=j_{iK}+j_{sa}-j_{sa}^{iK})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-1+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{iS}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{iK}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{iK}+Q9;)}^{n_{iS}+j_s-j_{iK}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{sa}+Q9;)}^{(n_{iK}+j_{iK}-j^{sa}-\mathbb{k}_2)} \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-\mathbb{k}_3} \quad Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s + n_i - n - j_i)!}{(n_s - j_i - 1)! \cdot (n - j_i)!}$

$$\frac{(n - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} - 1)!}{(j_s + l_{ik} - j_{ik} - l_s - j_{sa}^{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_s + j_{sa} - l_{sa} - s)!}{(n_{sa} + l_s - j_i - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

Q6; $\sum_{n_i=Q7}^{(n_i-j_s+1)}$ $\sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)}$ $\sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9}^{n_{sa}+j^{sa}-j_i-k_3} \text{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

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$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - 1)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - 1)!}{(j_s + l_{ik} - j_{ik} - l_s - 1)! \cdot (j_{ik} - j_s - 1)!}$$

$$\frac{(l_i + j_{sa} - 1 - s)!}{(j^{sa} + l_i - 1 - s)! \cdot (j_i + j_{sa} - 1 - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^k+1)}^{(\)}$$

$$\sum_{j_{ik}=j_{sa}^k+1}^{l_s+j_{sa}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^k)}^{(\)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{(j_i=j^{sa}+s-j_{sa}-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

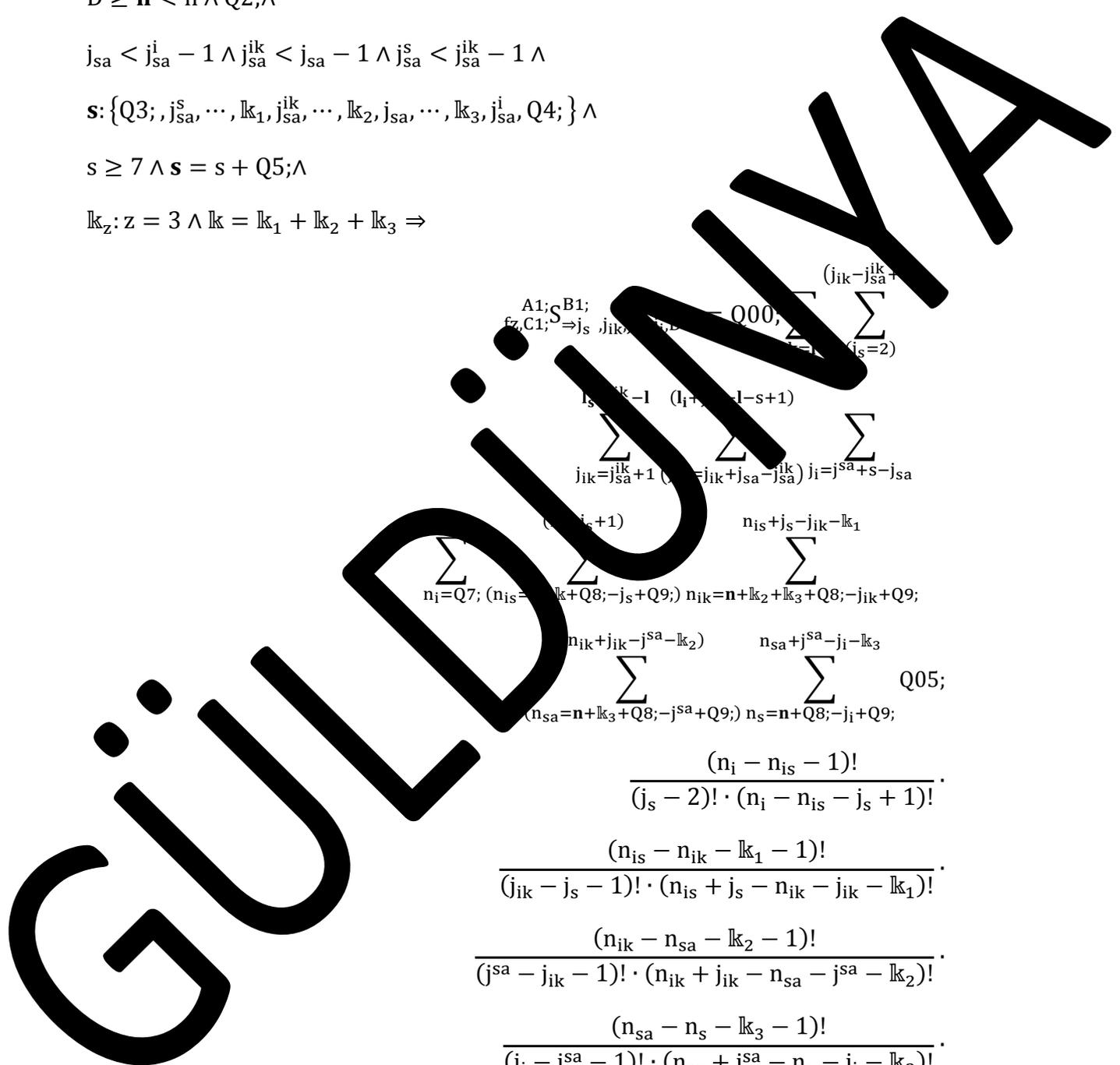
$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$



$$\begin{aligned}
& \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{ik}-j_{sa}^{ik}+1} \sum_{j_i=j_{sa}+s-j_{sa}}^{j_i=j_{sa}+s-j_{sa}} \sum_{n_i=Q7; (n_{is}=n+k_1+Q8;-j_s+Q9);}^{n_{is}+j_s-j_{ik}-k_1} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}=n+k_3+Q8;-j^{sa}+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \sum_{n_s=n+Q8;-j_i+Q9;}^{(j_s-2)! \cdot (n_i - n_{is} - j_s + 1)!} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \\
& \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
& Q06; \frac{(l_s - 1 - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}
\end{aligned}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$Q00; \sum_{k=0}^{l_s-1+1} \sum_{j_s=2}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}^{ik})}^{(l_i+l_s-1-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7}^{(n_i-j_s+1)} \sum_{(n_{is}=n+k+Q8, n_{ik}=n_{ik_2}+k_3+Q8; -j_{ik}+Q9;}$$

$$\sum_{(n_{sa}+k_3+Q8; -j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}^{ik}-k_2)} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{(l_{sa}+j^{sa}-j_i-k_3)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(k - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{I_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s-Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{sa}-k_2)}^{()} \sum_{j_i-k_3} \frac{(n_s - j_s - Q31;)!}{((D + j_i - n - Q31; - j_{sa}^s)! \cdot (j_{sa}^s - j_s - s)!}$$

$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q044;$$

$$((D \geq n < n \wedge I_i - 1 \wedge I_i \leq D + s - n \wedge$$

$$1 - j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$(I_i - j_{sa}^{ik} - 1 > I_s \wedge I_{sa} - j_{sa}^{ik} - j_{sa} > I_{ik} \wedge I_i + j_{sa} - s > I_{sa}) \vee$$

$$(D \geq n < n \wedge I_i - 1 \wedge I_s \leq D - n + 1 \wedge$$

$$1 - j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$I_i - s + 1 > I_s \wedge$$

$$I_i \leq D + s - n)) \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \text{A1;S}^{\text{B1;}} \text{fz,C1;D} \Rightarrow j_s, j_{ik}, j_{sa}^i, j_i, D1; = Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right. \\
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa})}^{(l_{sa}-l+1)} \dots \\
 & \sum_{n_i=Q7; (n_i=n+k+Q8;-j_s)}^{Q6; (n_i-j_s+1)} \dots \sum_{(n_{sa}=n+k_3+Q9;-j_s)}^{(n_{sa}+j_s-k_3)} \dots \sum_{(n_{sa}=n+k_3+Q9;-j_s)}^{(n_{sa}+j_s-k_3)} \dots \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)} \\
 & \sum_{j_{ik}=I_s+j_{sa}^{ik}-1+1}^{I_{ik}-1+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(I_{sa}-1+1)} \sum_{j_i=j_{sa}+s-j} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)} Q05; \\
 & \frac{(n_i - n_s - 1)!}{(j_s - 2)! \cdot (n_s + j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j_{sa} - I_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \left. \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} \right) Q02;
 \end{aligned}$$

$$Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right)$$

GUIDENYA

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q_7}^{Q_6} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{n_{sa}+j_{sa}-j_i-k_3}^{Q_0}$$

$$\frac{(n_i-1)!}{(j_s-2) \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1) \cdot (n_i-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-1) \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i-j_{sa}-1)! \cdot (n_i+j_{sa}-n_s-j_i-k_3)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}^{ik}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{(l_s-l+1)} \sum_{(j_s=2)}$$

GÜLDÜZ

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{(n_s=n+Q8;-j_s+Q9;)}^{(n_{sa}+j_{sa}-j_i-l_{k_3})}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_s - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 2)! \cdot (j_s - l_{k_1} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 2)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_i + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

GUIDANCE

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{I_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22}^{Q20; (n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - n - Q31; -j_{sa}^{ik})! \cdot (n + j_{sa}^{ik} - s)!}$$

$$\frac{(I_s - 1 - 1)!}{(I_s - 1 + Q4) \cdot (j_s - 2)!}$$

$$\frac{(Q - I_i)!}{(n + j_i - n - k_1)! \cdot (n - j_i)!} \quad Q044;$$

$D \geq n < n \wedge I \neq j_i \wedge I_i \leq D + s - n \wedge$
 $1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j_s + j_{sa}^{ik} - j_{sa}$
 $j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s \leq j_{sa} \leq j_i \leq n$
 $I_{ik} - j_{sa}^{ik} + 1 = I_s \wedge I_{sa} + j_{sa}^{ik} - 1 \geq I_{ik} \wedge I_i - j_{sa} - s = I_{sa} \wedge$
 $D \geq n < n \wedge Q2; \wedge$
 $j_s < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$
 $s: \{Q2; j_{sa}^s, \dots, k_1, j_{sa}^s, \dots, k_2, j_{sa}^s, \dots, k_3, j_{sa}^i, Q4; \} \wedge$
 $\geq 7 \wedge s + Q5; \wedge$
 $k_z: z = 3 \wedge k_1 + k_2 + k_3 \Rightarrow$

$$A1; S^B1; f_z, C1; S \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(I_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{i_k}=n+l_k+l_{k_2}+l_{k_3}+Q8;-j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - l_{k_1} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - l_{k_1})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - l_{k_3})!}$$

$$Q000; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{i_k} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(l_{i_k}-1-j_{s_a}^{i_k}+2)} \sum_{(j_s=2)}$$

$$\sum_{j_{i_k}=j_s+j_{s_a}^{i_k}-1} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-l_{k_3}}$$

GÜLDÜZMAYA

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q44;$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_z, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + \dots \Rightarrow$$

$$A1; S B; \Rightarrow f_z, C1; j_{ik}, j_{sa}, j_i, D1; = Q00; \left(\sum_{k=1}^{(l_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - 1)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - 1)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(D - 1)!}{(D - l - 1)! \cdot (l - j_i)!} Q07$$

$$Q08; \left(\sum_{s=1}^{j_{sa}^{ik}+2} \sum_{(j_s=2)} \dots \right)$$

$$\sum_{j_i=j_s+j_{sa}^{ik}+1}^{l_i-1+1} \sum_{j_i=j_{ik}+j_{sa}-j_{sa}^{ik}}^{l_i-1+1} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-1+1}$$

$$Q6; \sum_{n_i=Q6}^{j_s+1} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_s+Q9; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

GÜLDÜMÜŞA

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$\sum_{k=2}^{(l_{ik}-l-j_{sa}^{ik}+s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q8}^{(n_i-j_s-Q2)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{ik}-l_{k2})}^{()} \sum_{n_s=n_{sa}+j_{sa}^{ik}-j_i-l_{k3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$$n \leq n < n \wedge l \neq l_i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa} = j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

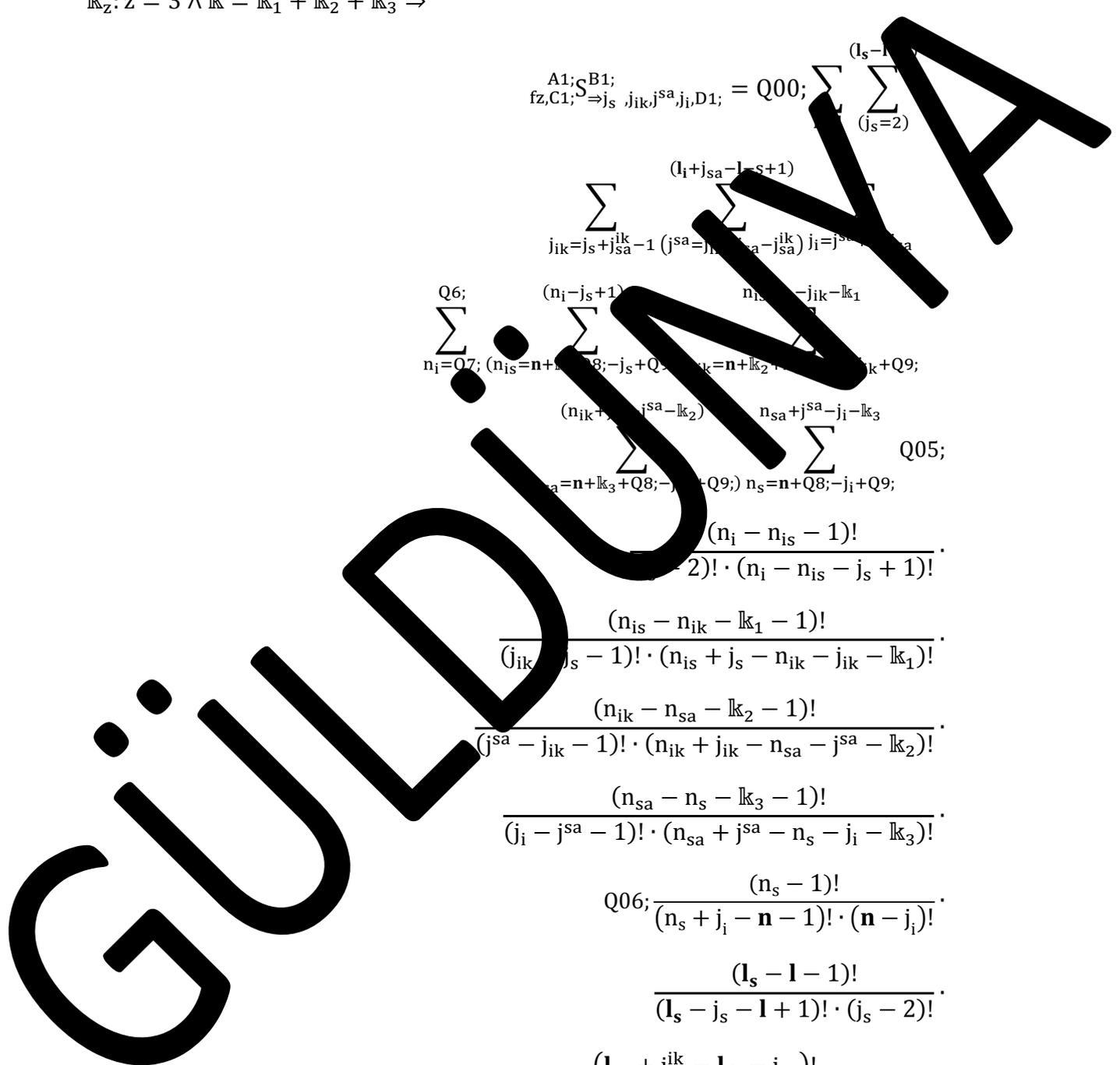
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned} & \sum_{(j_s=2)}^{(l_s-1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(l_1+j_{sa}-l_s+1)} \sum_{(j_i=j_{sa}-j_{sa}^{ik})}^{(n_{is}-j_{ik}-k_1)} \sum_{(n_i=Q7; (n_{is}=n+Q8;-j_s+Q9;-j_{ik}-k_1))}^{(n_{is}-j_{ik}-k_1)} \sum_{(n_{sa}=n+k_3+Q8;-j_s+Q9;-j_{ik}-k_1)}^{(n_{sa}+j_{sa}^i-j_i-k_3)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_s-n_{is}-1)!} \\ & \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}+j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}^i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}^i-k_2)!} \cdot \frac{(n_{sa}-n_s-k_3-1)!}{(j_i-j_{sa}-1)! \cdot (n_{sa}+j_{sa}^i-n_s-j_i-k_3)!} \\ & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(l_s-1-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}^i-l_{ik})! \cdot (j_{sa}^i+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \quad Q04; \end{aligned}$$



$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22;} \sum_{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{ik})} \sum_{(n_s=n_{sa}+j_{sa}-j_{sa}^{ik})}$$

$$\frac{(n_s - j_i - n - Q3 - j_{sa}^{ik})!}{(n_s - j_i - n - Q3 - j_{sa}^{ik})! \cdot (j_s - j_s - s)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_i \leq l + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa} - j_{sa} \wedge$$

$$j_{sa} = j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i - n \wedge$$

$$l_i - j_{sa}^{ik} + 1 \leq l_{sa} + k - j_{sa} = l_k \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$n < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3, j_{sa}^s, \dots, j_{sa}^{ik}, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s \leq s + Q5; \wedge$$

$$k_z; z = 3, k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_z, C1; S \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k3}+Q8;-j_{ik}+}^{n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n+l_{k3}+Q8;-j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k2})} \sum_{n_s=n+Q8+}^{n_{sa}+j_{sa}-j_i-l_{k3}}$$

$$\frac{(n_i-1)!}{(j_s-2)!(n_i-n_{is}+1)!}$$

$$\frac{(n_i-n_{ik}-l_{k1}-1)!}{(j_{ik}-j_s-1)!(n_i-n_{ik}-j_{ik}-l_{k1})!}$$

$$\frac{(n_{ik}-n_{ik}-l_{k2}-1)!}{(j_{sa}-j_{ik}-1)!(n_{ik}+j_{ik}-n_{sa}-j_{sa}-l_{k2})!}$$

$$\frac{(n_{sa}-n_s-l_{k3}-1)!}{(j_i+j_{sa}-1)!(n_i+j_{sa}-n_s-j_i-l_{k3})!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!(n-j_i)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)!(j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)!(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!(n-j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k1}}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} (n_s + j_i - j_s - s - Q31;)! \cdot (n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} \cdot Q044$$

$D \geq n < n \wedge l \neq l_i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s > l_{sa}$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, \dots, Q4; j_{sa}^s\}$

$s \geq 7 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$A1; S^B1; f_z, C1; S \Rightarrow j_s, j_{ik} j_{sa}^{j_i, D1}; = Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$

$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \cdot Q05;$

$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1)!}{(l_s + j_i - l + 1)! \cdot (l - 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

$$\left(\frac{(D - l_i)!}{(n + j_i - l - l_i)! \cdot (n - j_i)!} \right) Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_i = n_s + j_{sa}^{ik} - 1}^{(l_{sa} - l + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{l_s - l + 1} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{l_i - l + 1}$$

$$Q6; \sum_{(n_{is} = n + k + Q8; -j_s + Q9)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + k_2 + k_3 + Q8; -j_{ik} + Q9}^{n_{is} + j_s - j_{ik} - k_1}$$

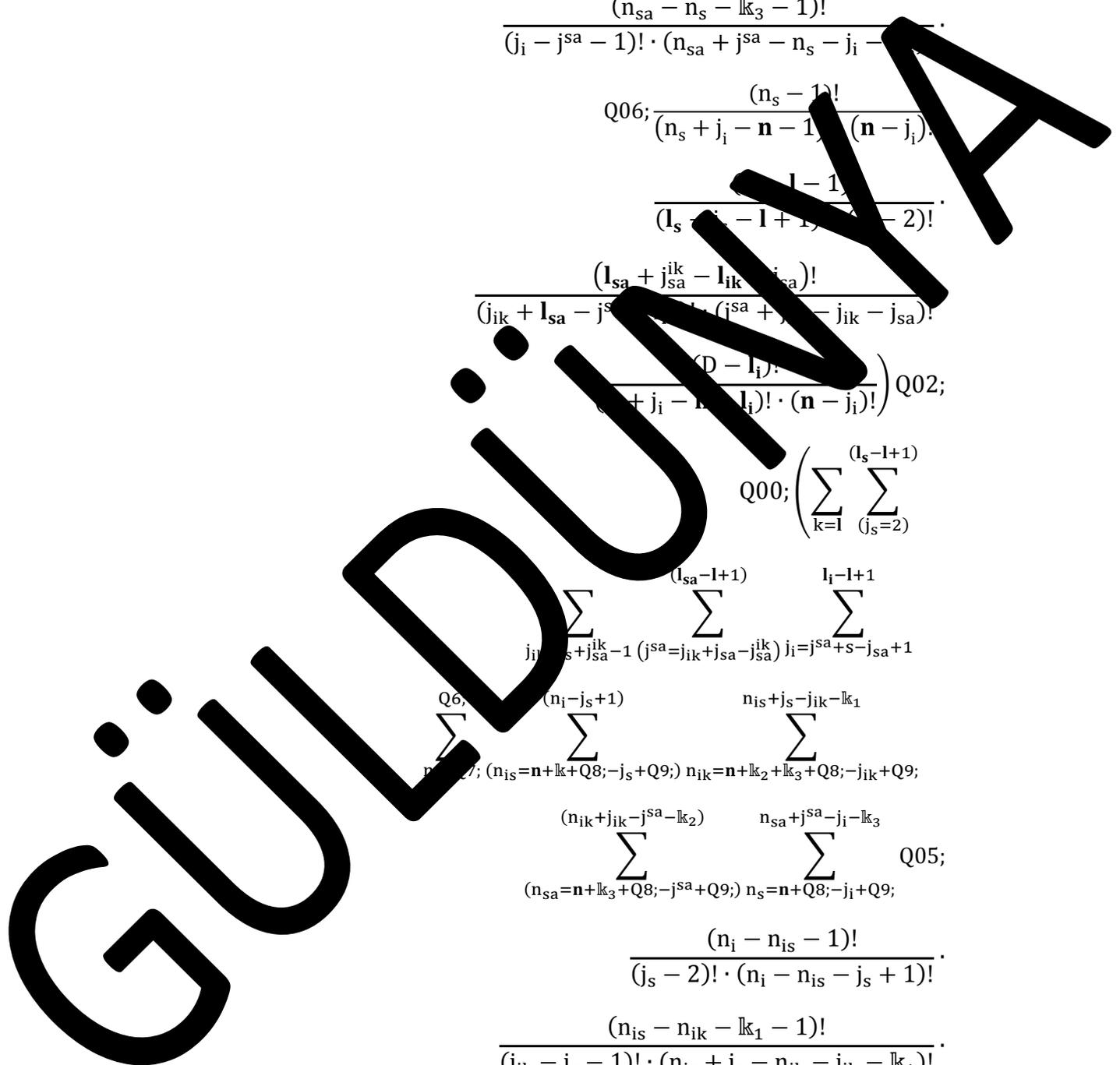
$$\sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{n_s = n + Q8; -j_i + Q9}^{n_{sa} + j^{sa} - j_i - k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q00; \sum_{j_s=2}^{l_s-1} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{j_{ik}=j_s+j_{sa}-1}^{j_{ik}^{ik}-1} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7+Q8}^{(n_i-j_s-Q2)-1} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}^{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_s=n_{sa}+j_{sa}-j_i-k_3}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$$Q \geq n < n \wedge l \neq l_i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^s = j_i + j_{sa} - s \wedge j_{sa}^s + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S B1; f_z, C1; S \Rightarrow j_s, j_{ik} j_{sa}^{j_i, D1}; = Q00; \left(\sum_{(j_s=2)}^{(l_s-1)} \sum_{(j_s=2)}^{(l_s-1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-l+1} (j_{sa}=j_{ik}-j_{sa}^{ik}) j_i=j_{sa}^{ik}+j_{sa}^{ik}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k_1+Q8;-j_s+Q9; n_{is}=n+k_2+Q9; n_{is}=n+k_3+Q9; n_s=n+Q8;-j_i+Q9;)}^{(n_i-j_s+1)} \sum_{n_{is}=n_{ik}-k_1}^{(n_{is}-j_{ik}-k_1)}$$

$$(n_{ik}+j_{sa}^{ik}-k_2) \sum_{n_{sa}=n+k_3+Q8;-j_i+Q9;}^{(n_{sa}+j_{sa}^{ik}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{(n_{sa}+j_{sa}^{ik}-k_3)}$$

Q05;

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa}^{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa}^{ik} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa}^{ik} - 1)! \cdot (n_{sa} + j_{sa}^{ik} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}^{ik}}^{l_i-1+1}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_{10}-j_{ik}+Q9;}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} Q05;$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_s + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_j)!}{(D + j_i - n - l_j)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)}$$

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$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q41)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

$$\frac{(l_s - 1)!}{(l_s - 1 + Q42)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j_s + j_{sa}^{ik} - j_{sa}$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D \geq n < n \wedge Q2;$

$j_s < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; j_{sa}^s, \dots, k_1, \dots, k_2, \dots, k_3, j_{sa}, Q4;\} \wedge$

$\geq 7 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k_z = k_2 + k_3 \Rightarrow$

$$fz,C1; \Rightarrow_{j_s}^{A1;S B1;} j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)} \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - \mathbb{k}_1 - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbb{k}_2)!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - \mathbb{k}_3)!}$$

$$Q000; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(D - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{i_k} - l_s - j_{s_a}^{i_k} + 1)!}{(j_s - l_{i_k} - j_{i_k} - l_s)! \cdot (j_{i_k} - j_s - j_{s_a}^{i_k} + 1)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + l_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{i_k}=j_s+j_{s_a}^{i_k}-1}^{()} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)} \sum_{(n_{i_k}=\mathbf{n}_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} \cdot Q044$$

$(D \geq n < n \wedge l \neq l_i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} > l_{sa}$

$(D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$

$l_i - s + 1 > l_s \wedge$

$l_i \leq D + s - n)$

$D \geq n < n \wedge s \geq 2 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} \leq j_{sa}^i - 1, s \leq j_{sa}^{ik} - 1 \wedge$

$s; \{Q3; j_{sa}^i, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^i, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \geq 7 \wedge s = j_{sa} - Q5; \wedge$

$k_2 = s - k, k = k_1 + k_2 + k_3 \Rightarrow$

$fz, C1; \overset{A1; SB1;}{\Rightarrow} j_s, j_{ik} j^{sa}, j_i, D1; = Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$

$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbb{k}_3+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)} \sum_{(n_s=\mathbf{n}+Q8;-j_i+Q9;)}^{n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - \mathbb{k}_1 - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbb{k}_2)!}$$

$$\frac{(n_s - n_{i_s} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j_i - n_{i_s} - \mathbb{k}_3)!}$$

$$Q01; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{i_k} - l_s - j_{s_a}^{i_k} + 1)!}{(j_s - l_{i_k} - j_{i_k} - l_s)! \cdot (j_{i_k} - j_s - j_{s_a}^{i_k} + 1)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + l_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - \mathbf{n} - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{i_k}=j_s+j_{s_a}^{i_k}-1}^{l_{i_k}-1+1} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})}^{(l_{s_a}-1+1)} \sum_{j_i=j^{s_a}+s-j_{s_a}+1}^{l_i-1+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!} \cdot \frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - l_{k_2})!} \cdot \frac{(n_{sa} - n_i - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+l_k+Q_8; -j_s+Q_9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} (n_s + j_i - j_s - s - Q31;)! \cdot (n + j_{sa}^s - j_s - s)! \cdot (n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} \cdot Q044$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s - j_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}, Q4\} \wedge$$

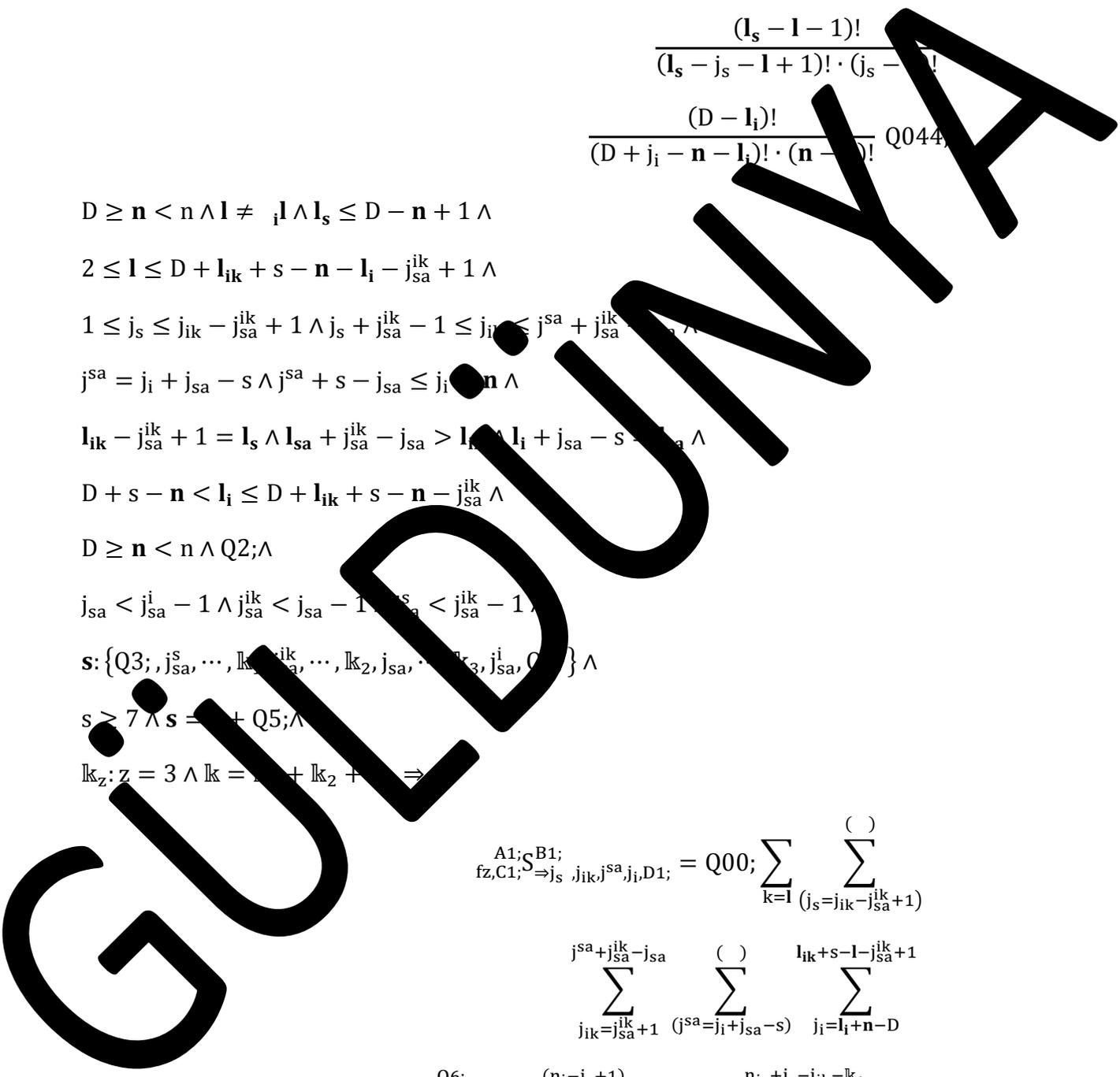
$$s > 7 \wedge s = \dots + Q5; \wedge$$

$$k_z: z = 3 \wedge k = \dots + k_2 + \dots \Rightarrow$$

$$A1; S^B1; f_z, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}$$



$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - l_{k_2})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_{sa} - n_s - j_i - l_{k_3})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_s + j_s - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\)} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+2}^{l_i-l+1}$$

$$\sum_{n_i=Q_7; (n_{is}=n+l_{k_3}+Q_8; -j_s+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - 1)!}{(l_s + j_i - l + 1)! \cdot (j_i - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - j_{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q000; $\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$

$$\sum_{(j_{sa}+j_{sa}^{ik}-j_{sa})}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{(j_i=l_i+n-D)}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\sum_{(n_i-j_s-Q23;+1)}^{()} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{()} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{(n_s=n_{sa}+j^{sa}-j_i-k_3)}^{()}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

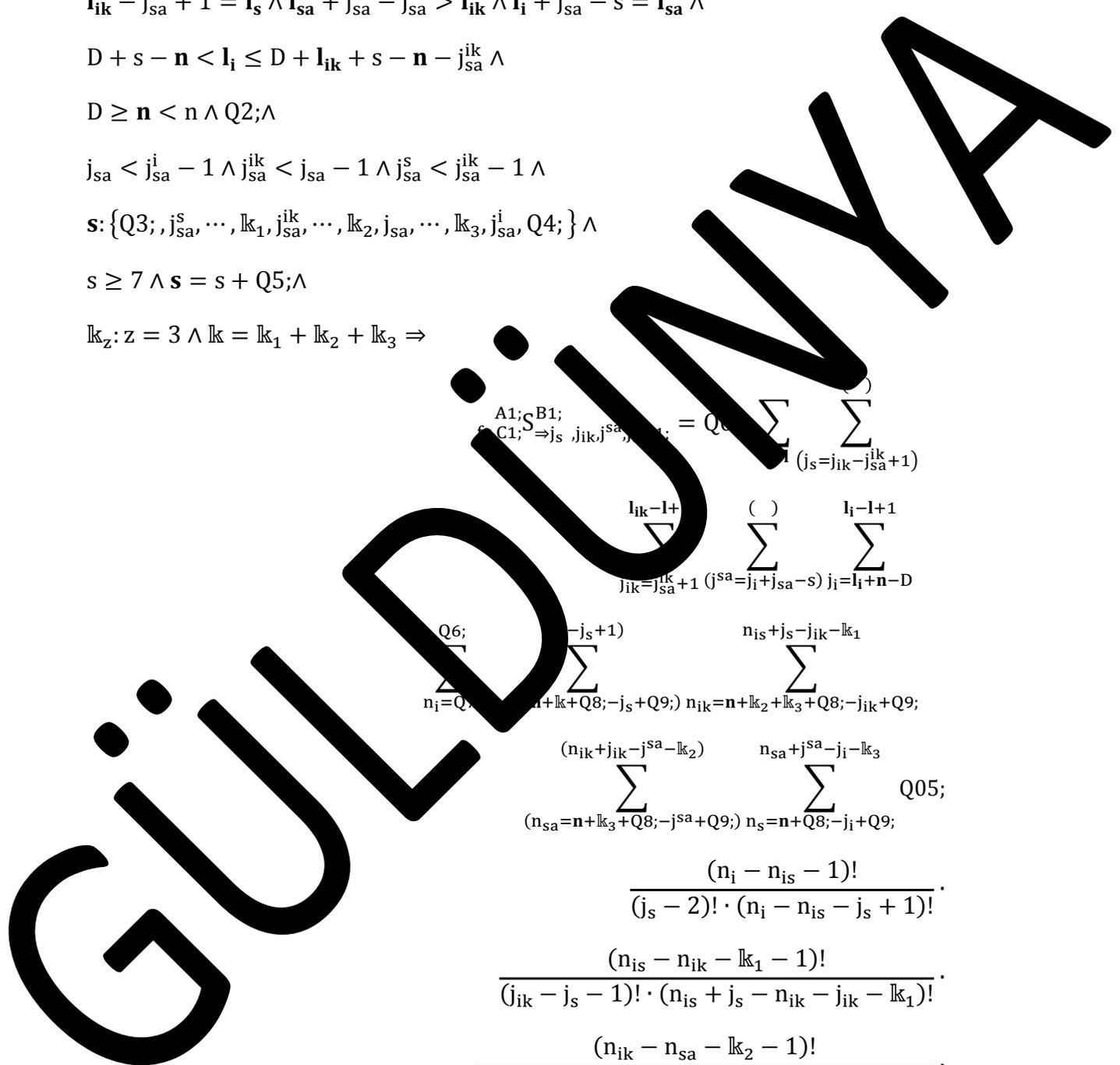
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}, \dots, l_{k_3}, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_k = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$\sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{l_{ik}-l_i+1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i-1+1} \sum_{n_i=Q_6}^{n_i+l_{k_1}+Q_8;-j_s+Q_9} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8;-j_{ik}+Q_9} \sum_{(n_{sa}=n+l_{k_3}+Q_8;-j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q_8;-j_i+Q_9)}^{(n_{sa}+j^{sa}-j_i-l_{k_3})} \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!} \cdot \frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!} \cdot \frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!} Q05;$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa}^{sa} - l_{ik})! \cdot (j_{sa}^{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q00$$

$$Q00; \sum_{k=1}^n (j_s = j_{ik} - j_{sa}^{sa})$$

$$\sum_{j_{ik}=j_{sa}^{sa} - j_{sa}^{ik}}^{(j_{sa}^{sa} + j_{sa}^{ik} - j_{sa}^{sa})} \sum_{j_i=1}^{n-D} (n - j_i - j_{sa}^{sa} - j_{sa}^{ik} + 1)$$

$$Q20; (n_i - j_{sa}^{sa} - j_{sa}^{ik} + 1) \sum_{n_i=Q7;+Q8}^{(n_i=Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k1}}^{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{sa}-l_{k2})} \sum_{n_s=n_{sa}+j_{sa}^{sa}-j_i-l_{k3}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{sa}-l_{k2})} \sum_{n_s=n_{sa}+j_{sa}^{sa}-j_i-l_{k3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(l_{sa} - j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D > l_i \wedge n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - j_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_{sa}^{sa} = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{sa} = j_i + j_{sa} - s \wedge j_{sa}^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \geq 7 \wedge s = s + Q5; \wedge$

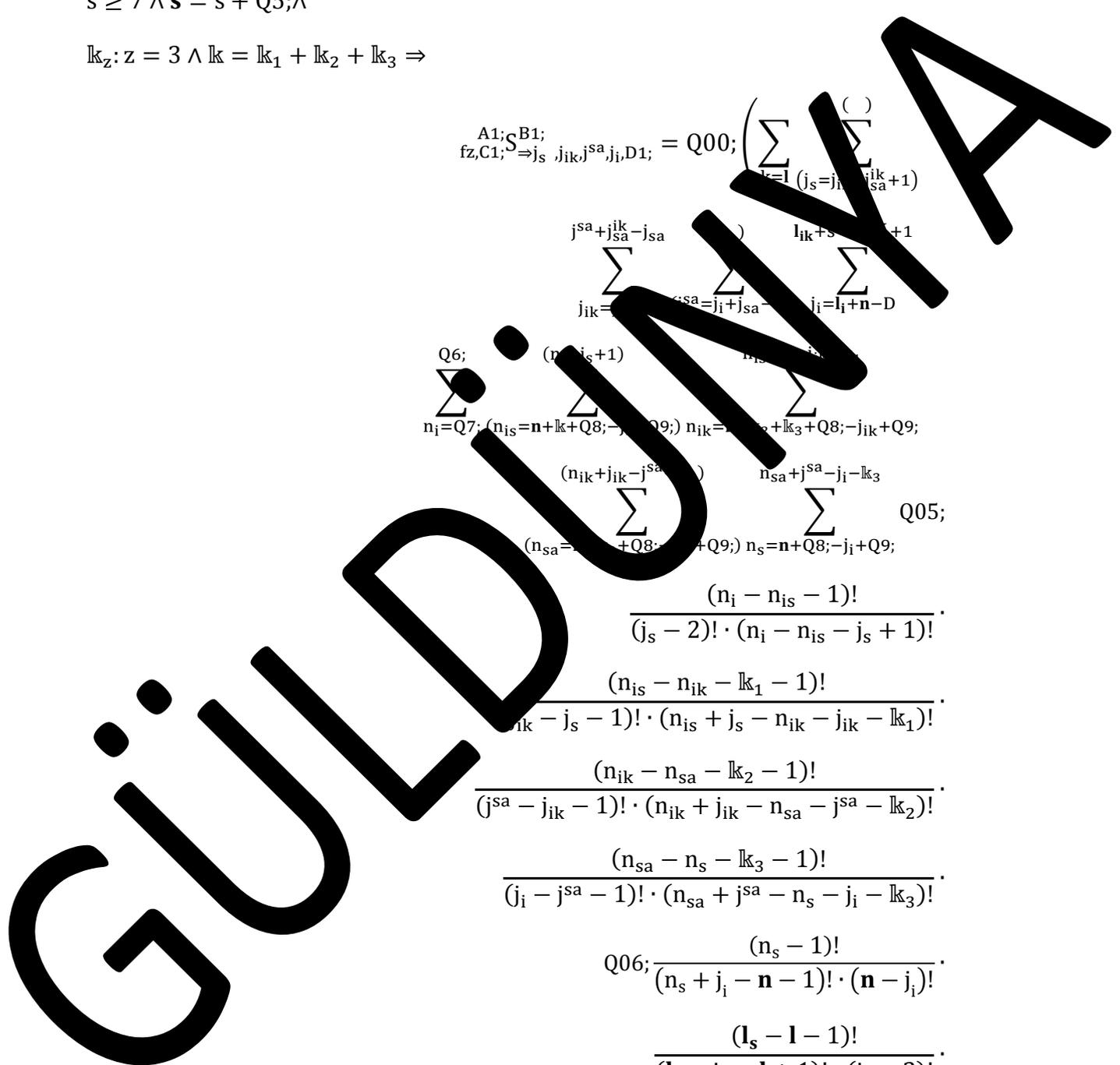
$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$fz, C1; \Rightarrow j_s, j_{ik} j_{sa}^{j_i, D1}; = Q00; \left(\sum_{k=1}^{()} \sum_{(j_s=j_{ik} j_{sa}^{ik}+1)} \right)$

$\sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}}^{j_{sa} + j_{sa}^{ik} - j_{sa}} \sum_{j_i = l_i + n - D}^{l_{ik} + s} \sum_{j_i = l_i + n - D}^{l_{ik} + s} \sum_{j_i = l_i + n - D}^{l_{ik} + s}$

$Q6; \sum_{n_i = Q7; (n_{is} = n + k + Q8; - j_{ik} + Q9;)}^{(n_{is} + 1)} \sum_{n_{ik} = n_{sa} + k_3 + Q8; - j_{ik} + Q9;} \sum_{n_{sa} = j_{sa} - j_i - k_3}^{(n_{ik} + j_{ik} - j_{sa}^{ik})} \sum_{n_s = n + Q8; - j_i + Q9;}^{n_{sa} + j_{sa}^{ik} - j_i - k_3} Q05;$

$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$



$$\sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}}^{l_{sa}+s-l-j_{sa}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_3}+Q9; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{(n_{is}-j_{ik}-l_{k_1})} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_s + j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!} \cdot \frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - l_{k_2})!} \cdot \frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!} \cdot Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) Q02;$$

$$Q00; \left(\sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

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$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k2}+l_{k3}+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n+l_{k3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - l_{k1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - l_{k1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k2})!}$$

$$\frac{(n_s - n_{sa} - l_{k3} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j_s - j_i - l_{k3})!}$$

$$Q06 \cdot \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_j)!}{(D + j_i - n - l_j)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+2}^{l_{sa}+s-l-j_{sa}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k2}+l_{k3}+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k1}}$$

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$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_{is} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_{is} - l_{k_3})!}$$

$$\frac{(n_{is} - 1)!}{(n_s + 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_{sa} + j_{sa} - l_{sa} - s)!}{(l_i + l_j - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}+s-l-j_{sa}+2}^{l_i-l+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6;} \sum_{(n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-l_{k_1})}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + j_i - n - j_i - 1)!}{(n_s + j_i - n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (n_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(n_s + j_{sa} - l_{sa} - s)!}{(n_s + l_i - j_i - s)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \}$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{k=1}^{(\dots)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\dots)} Q00;$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\dots)} \sum_{j_i=l_i+n-D}^{l_{sa}+s-l-j_{sa}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}$$

$$\frac{(D - l - 1)!}{(D + j_i - l - 1)! \cdot (n - l)!} Q02;$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{(j_i - l - 1)} \sum_{j_{sa}^{ik}=j_{sa}^{ik}+1}^{(j_i - l - 1)} \sum_{j_i=l_i+n-D}^{(j_i - l - 1)} \dots$$

$$\sum_{n_i=Q7; (n_{is}=n+k_3+Q8; -j_s+Q9)}^{(j_i - l - 1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9}^{(j_i - l - 1)} \sum_{n_{sa}+j_{sa}^{ik}-j_{ik}-k_1}^{(j_i - l - 1)} \dots$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

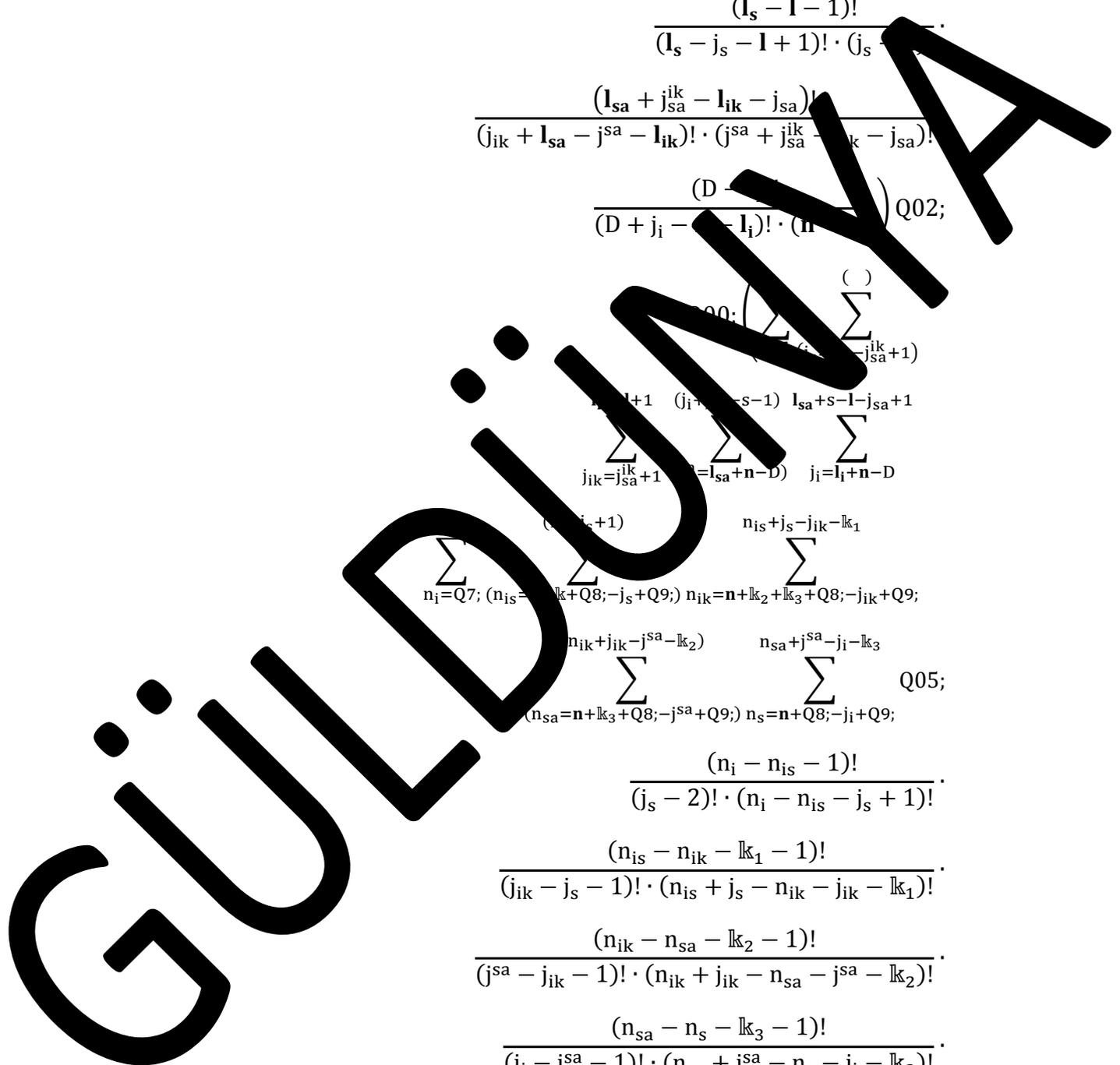
$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$



$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - \dots)}$$

$$\sum_{k=1}^{()} \sum_{(j_s=j_{i_s}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{l_{ik}-l+1} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_{sa}+1)} \sum_{(j_{sa}+s-l-j_{sa}+z)}$$

Q6; $\sum_{n_i=Q7; (n_{is}=n+k+Q8, \dots+Q9); n_{ik}=\dots+k_2+k_3+Q8;-j_{ik}+Q9; (n_i-j_s+1)}$

$$\sum_{(n_{ik}+j_{ik}-j_{sa}^{ik})} \sum_{(j_{sa}+j_{sa}^{ik}-j_i-k_3)} \dots$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+j_{sa}-j_{sa}}^{(\)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\)} \sum_{j_{sa}^{ik}+n-D}^{l_{ik}+s-1-j_{sa}^{ik}}$$

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s)}^{(n_{ik}=n_{is}+j_s)} \sum_{k_1}$$

$$\sum_{(j_{sa}=n_{ik}+j_{sa}-k_2)}^{(\)} \sum_{(j_i-k_3)}$$

$$\frac{(n_s - j_s - Q31)!}{(D + j_i - n - Q31 - j_{sa}^s)! \cdot (j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(D + j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq \dots \wedge l_s \leq D - n + \dots$$

$$D + l_{sa} + s - \dots - l_i - j_s + 2 \leq l \leq \dots - 1 \wedge$$

$$1 \leq \dots \leq j_{ik} - j_{sa}^{ik} + \dots \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + \dots - s \wedge j^{sa} - \dots - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \leq \dots \wedge l_{ik} - j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - \dots < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_{z,C1}; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_i+n}^{l_i-l+1}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k3}+Q9; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k1})}$$

$$Q05; \sum_{(n_{sa}=n+l_{k3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k2})} \sum_{(n_{sa}+j^{sa}-j_i+Q9;)}^{(n_{is}-j_i-l_{k3})}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} + j^{sa} - n_{ik} - j_{ik} - n_{sa} - j^{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

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$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j_{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_i+n-D}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7;+Q22}^{Q20; (n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{\binom{()}{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)}} \sum_{n_s=n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

$$\frac{(n_s - 1 - 1)!}{(n_s - 1 - 1) \cdot (j_s - 2)!}$$

$$\frac{(n - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$
 $2 \leq l \leq D + l_{ik} + s - n - l_i - j_s - 1 \wedge$
 $1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa} + j_{sa} - j_{sa} \wedge$
 $j_{sa} = j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$
 $l_{ik} - j_{ik} + 1 = l_s + j_{sa}^{ik} - j_{sa} \geq 1 \wedge j_{sa} - s = l_{sa} \wedge$
 $D - s - n < j_s \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$
 $D \geq n < n \wedge Q2; \wedge$
 $j_{sa} < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$
 $s: \{Q3; j_{sa}^s, \dots, j_{sa}^{ik}, k_2, j_{sa}, \dots, k_3, j_{sa}, Q4; \} \wedge$
 $s \leq 7 \wedge s \leq s + Q5; \wedge$
 $k_z: z = 3, k = k_1 + k_2 + k_3 \Rightarrow$

$$f_{z,C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1;}^{A1; S B1;} = Q00; \sum_{k=1} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \binom{(\quad)}{j_{sa}=j_i+j_{sa}-s} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$\sum_{n_i=Q_6}^{Q_6; (n_i-j_s+1)} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_s=n+Q_8; -j_s+Q_9)}^{n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_i-n_{is}-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i+j_{sa}-1)! \cdot (n_i+j_{sa}-n_s-j_i-k_3)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \binom{(\quad)}{j_{sa}=j_i+j_{sa}-s} \sum_{j_i=l_s+s-1+1}^{l_i-1+1}$$

$$\sum_{n_i=Q_6}^{Q_6; (n_i-j_s+1)} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1}$$

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$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)} \text{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - k_2)!}$$

$$\frac{(n_{sa} - n_{sa} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{Q04;}$$

$$\text{Q000; } \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$\text{Q20; } \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n_{sa}+j^{sa}-j_i-k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, \dots, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{fz, C1; A1; S} \sum_{j_{ik}, j_{sa}, j_i, D1; } = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_i-1+1}$$

$$\sum_{n_i=Q7; }^{Q6; } \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9; }^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9; }^{n_{sa}+j^{sa}-j_i-k_3} \text{ Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - 1)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - 1)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q00; \sum_{k=1}^{j_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}} \sum_{j_{sa}^{(j^{sa}=j_i+j_{sa}-s)}} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$Q20; \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_i=1+n-D)}^{(j_i+s-1)} \sum_{(j_{ik}=j_{sa}^i+j_{sa}^{ik})}^{(j_{ik}+j_{sa}^i-j_{sa}^{ik})} \sum_{(j_{sa}^s=j_{sa}^i-j_{sa}^{ik}-s)}^{(j_{sa}^s+j_{sa}^i-j_{sa}^{ik}-s)} \sum_{(n_i=Q7; (n_{is}=n+k_1+k_2+Q8;-j_s+Q9); n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;)}^{(n_{is}+1)} \sum_{(n_{ik}+j_{ik}-j_{sa}^{ik}-k_2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n+k_3+Q8;-j_{sa}^i+Q9); n_s=n+Q8;-j_i+Q9;}^{(n_{sa}+j_{sa}^i-j_i-k_3)} Q05; \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa}^i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa}^i - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa}^i - 1)! \cdot (n_{sa} + j_{sa}^i - n_s - j_i - k_3)!} Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+j_{sa}^{lk}-j_{sa}} \sum_{(j_{sa}=j_i+l_s)} \sum_{(j_i=l_s-l+1)}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_{ik}+Q9; n+k_2+Q8; -j_{ik}+Q9;}$$

$$\sum_{(n_{sa}=n+k_3+Q9; -j_{sa}+Q9; n+Q8; -j_i+Q9;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

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$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j_{sa}^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n}^{l_s+s-1}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{ik}=n_{is}-j_{ik}-k_1)}^{(n_{ik}=n_{is}-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{sa})}^{(\cdot)} \sum_{(n_s=n_{sa}+j_{sa}^{sa}-j_i)}$$

$$\frac{(n_s - j_i - n - Q3; - j_{sa}^s)!}{(n_s - j_i - n - Q3; - j_{sa}^s)! \cdot (l_s - j_s - 1)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s = l - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l_i - 1 \wedge$$

$$1 \leq j_{ik} - j_{sa}^{ik} + j_{sa}^{ik} - 1 \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_i = j_i + j_{sa} - j_{sa}^{sa} + j_{sa}^{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - j_{sa}^{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_s + s - 1 \leq l_i \leq D + l_i + s - n - 1 \wedge$$

$$D \geq n \leq n \wedge Q$$

$$j_{sa}^i < j_{sa}^{ik} \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; i_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{()}$$

$$\sum_{n_i=Q6; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-n_s-j_i+Q9)}^{(n_{sa}+j^{sa}-n_s-j_i+Q9)} Q05;$$

$$\frac{(n_i - n_s - 1)!}{(j_s - 2)! \cdot (n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_i - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{()}$$

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$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_{sa}^s)!}{(l_s - j_s - 1)! \cdot (l_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2,$$

$$j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa}^{ik} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3;, j_{sa}^s, \dots, k_1, k_2, \dots, k_3, j_{sa}, Q4;\} \wedge$$

$$s \geq 7, s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{fz,C1;S \Rightarrow j_s}^{A1;S B1;} \sum_{j_{ik} j_{sa}^{sa}, j_i, D1;} = Q00; \left(\sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_s - n_{sa} - k_3 - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j_s - j_i - k_3)!}$$

$$Q0 \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_s+s-l+1}^{l_{sa}+s-l-j_{sa}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s - n_i - n_{is} - j_i - 1)!}{(n_s - n_i - n_{is} - j_i - 1)!}$$

$$\frac{(n_s - 1 - 1)!}{(n_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{ik} - l_{ik})! \cdot (n_{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

$$\left(\frac{(D - l_i)}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q02;$$

$$Q00; \left(\sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;)}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

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$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - s)!}$$

$$\frac{(l_i - l)!}{(j_i - n - l)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{j_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}}^{l_s+j_{sa}^{ik}-l} \sum_{j^{sa}=l_{sa}+n-D}^{j_{sa}-s-1} \sum_{j_i=l_s+s-l+1}^{l_{sa}+s-l-j_{sa}+1}$$

$$Q6; \sum_{n_i=-j_s+1}^{n_{is}-k+Q8;-j_s+Q9} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa}^{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{j_s} (j_s = j_{ik} - j_{sa}^{ik})$$

$$\sum_{j_{ik}=l+1}^{l_s + j_{sa}^{ik} - l + 1} \sum_{j_i=l_{sa}+1}^{l_i - l + 1} (j_{sa} = n - D) j_i = l_{sa} + j_{sa} + 2$$

$$\sum_{n=Q6;}^{Q7; (n_{is}=n+Q8;-j_s+Q9;)} \sum_{(n_i=n+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{k=n+l_k2+l_k3+Q8;-j_{ik}+Q9;}^{+j_s-j_{ik}-k_1}$$

$$\sum_{(n_i=n+l_k3+Q8;-j_{sa}+Q9;)}^{(n_i-j_s+1)} \sum_{n_{sa}=n+Q8;-j_i+Q9;}^{n_{sa}+j_{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

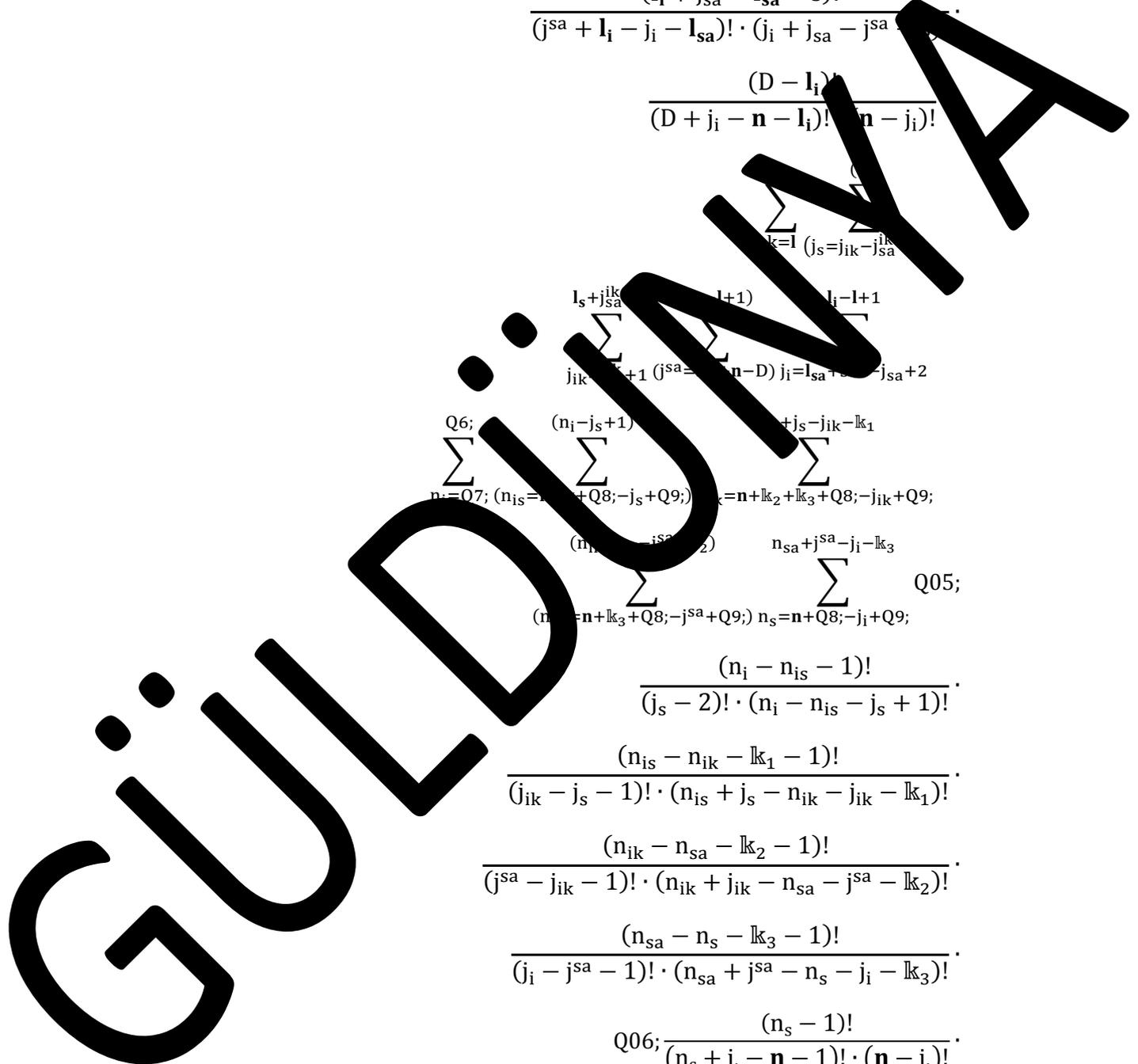
$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$



$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+)}^{()} \sum_{(j_i=j^{sa}-n-D)}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+Q8;+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{ik}=+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n_{is}-j_{sa}-k_2)}^{()} \sum_{(n_{sa}+j^{sa}-j_i-k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(j_i - j_s - Q31; - l_{sa})! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l_i \leq l \wedge l_s \leq n - n + l \wedge$$

$$D + j_i + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s + j_{sa}^{ik} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_{sa}^{ik} = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$j_{sa}^{ik} < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

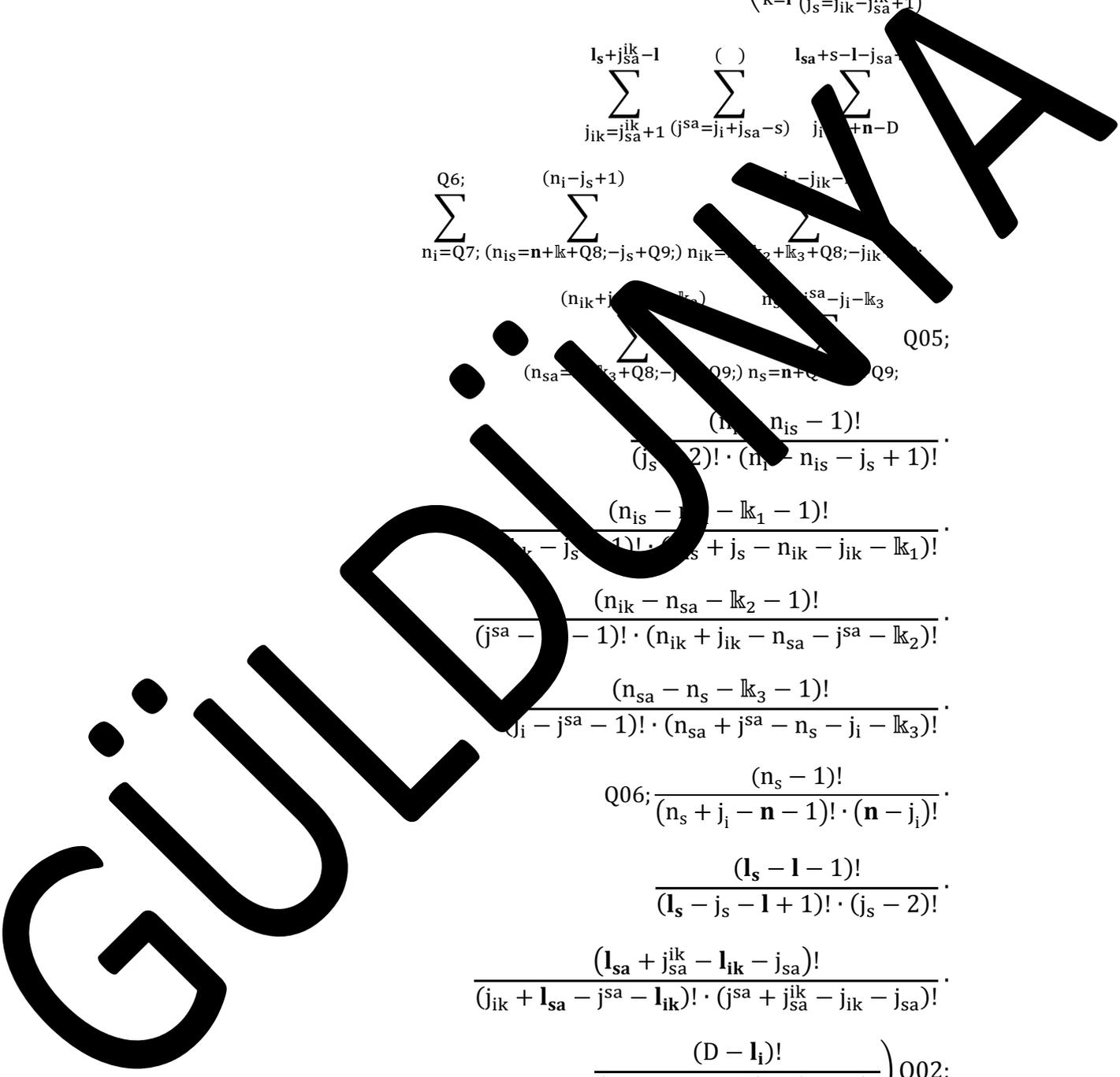
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge \mathbf{s} = \mathbf{s} + Q5; \wedge$$

$$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$$

$$\begin{aligned}
 & \text{A1;S}^{\text{B1;}} \text{fz,C1;S}^{\Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; } = Q00; \left(\sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \right. \\
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{I_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=n-D}^{I_{sa}+s-1-j_{sa}} \\
 & \sum_{n_i=Q7; (n_{is}=n+\mathbb{k}+Q8;-j_s+Q9); n_{ik}=n_2+\mathbb{k}_3+Q8;-j_{ik}}^{Q6; (n_i-j_s+1)} \sum_{(n_i-j_{ik}-j_{sa}^{ik})}^{(n_i-j_s+1)} \sum_{(n_{sa}=n_3+Q8;-j_{sa}^{ik}+Q9); n_s=n+Q8;-j_s+Q9;}^{(n_i-j_{ik}-j_{sa}^{ik})} \\
 & \frac{(n_{ik}+j_{sa}^{ik}-n_{sa}-j_i-\mathbb{k}_3)}{(n_{sa}+j_{sa}^{ik}-n_s-j_i-\mathbb{k}_3)} \cdot \frac{(n_{is}-1)!}{(j_s-2)! \cdot (n_{is}-j_s+1)!} \cdot \frac{(n_{is}-1-\mathbb{k}_1-1)!}{(n_{ik}-j_s-1)! \cdot (n_s+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \\
 & \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-n_s-\mathbb{k}_3-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-\mathbb{k}_3)!} \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(I_s-1-1)!}{(I_s-j_s-1+1)! \cdot (j_s-2)!} \\
 & \frac{(I_{sa}+j_{sa}^{ik}-I_{ik}-j_{sa})!}{(j_{ik}+I_{sa}-j^{sa}-I_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-I_i)!}{(D+j_i-n-I_i)! \cdot (n-j_i)!} \Big) Q02; \\
 & Q00; \left(\sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \right.
 \end{aligned}$$



$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_{sa}+s-1-j_{sa}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_2}+l_{k_3}+Q8; -j_{ik}+}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8; -j_s+Q9;)}^{n_{sa}+j^{sa}-j_i-l_{k_3}}$$

$$\frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_i-n_{ik}-l_{k_1}-1)!}{(j_{ik}-j_s-1)! \cdot (n_i-n_{ik}-j_{ik}-l_{k_1})!}$$

$$\frac{(n_{ik}-n_{ik}-l_{k_2}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_{k_2})!}$$

$$\frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_i+j^{sa}-1)! \cdot (n_i+j^{sa}-n_s-j_i-l_{k_3})!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-1+1)} \sum_{j_i=l_{sa}+s-1-j_{sa}+2}^{l_i-1+1}$$

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$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{i_k}=n+l_{k_2}+l_{k_3}+Q8;-j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - l_{k_1} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - l_{k_1})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - l_{k_3})!}$$

$$Q04; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(l_i + j_{s_a} - l_{s_a} - s)!}{(j^{s_a} + l_i - j_i - l_{s_a})! \cdot (j_i + j_{s_a} - j^{s_a} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \quad Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}^{(\)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}}^{(\)} \sum_{(j^{s_a}=j_i+j_{s_a}-s)}^{(\)} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} (n_s + j_i - j_s - s - Q31;)! \\ \frac{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}{(l_s - l - 1)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!} \\ \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} Q044$$

$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq l - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s > l_{sa} \wedge$

$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}, Q4\} \wedge$

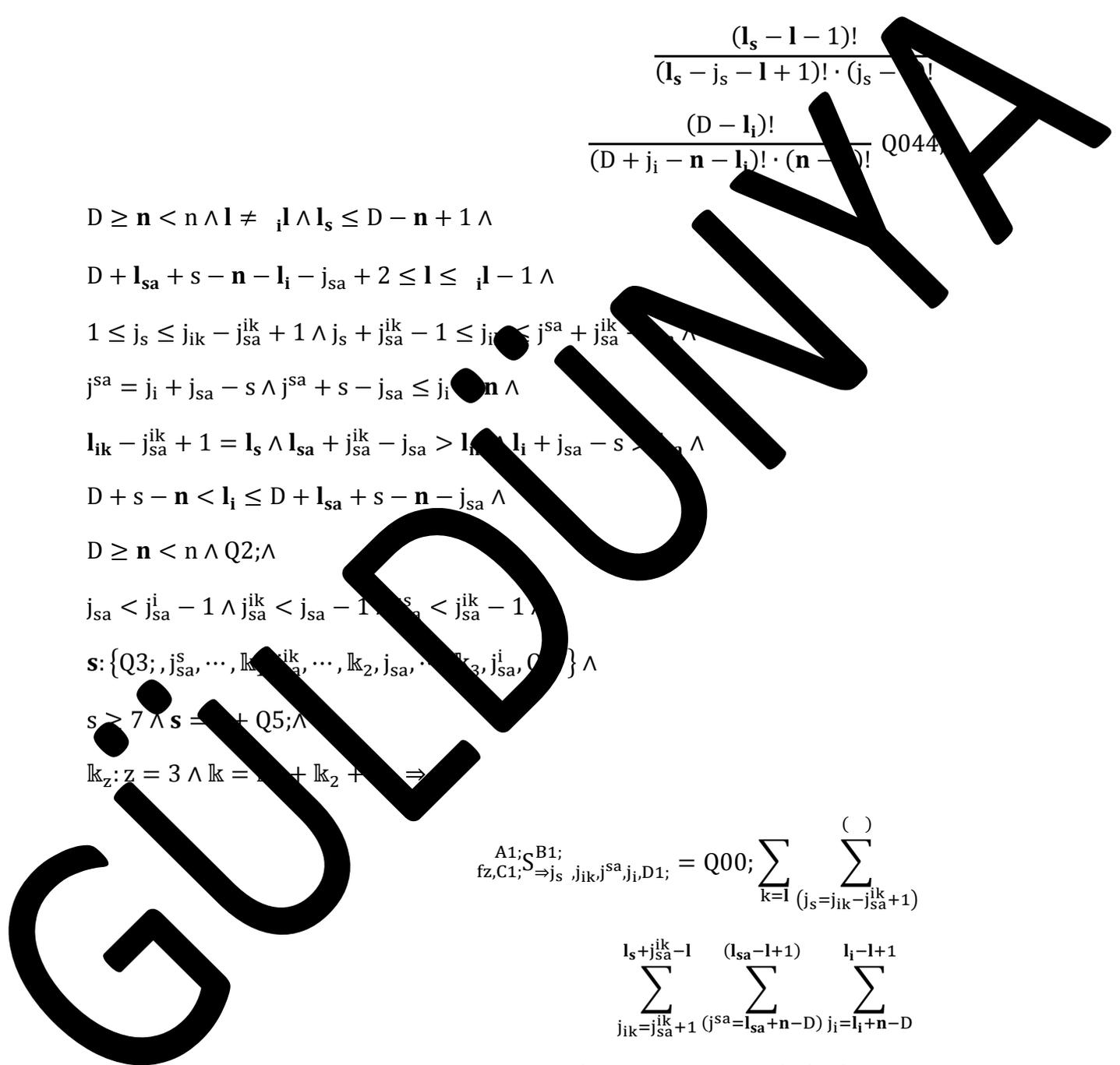
$s > 7 \wedge s = \dots + Q5; \wedge$

$k_z: z = 3 \wedge k = \dots + k_2 + \dots \Rightarrow$

$A1; S^B1; fz, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$

$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(l_{sa}-l+1)}^{(l_{sa}-l+1)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$



$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)} \sum_{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{sa}+j^{sa}-j_i-l_{k_3})} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_{ik} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_{ik} - j_i - l_{k_3})!}$$

$$\frac{(n_{is} - 1)!}{(n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(j_i + j_{sa} - l_{sa} - s)!}{(j_i + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$Q20; \sum_{n_i=Q7;+Q22;} \sum_{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$

$D + s - n < l_i \leq D + l_{sa} + s - n - l_i \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} -$

$s: \{Q3; , j_{sa}^s, \dots, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}^i, \dots, l_{k_3}, j_{sa}^i, \dots, Q4; \}$

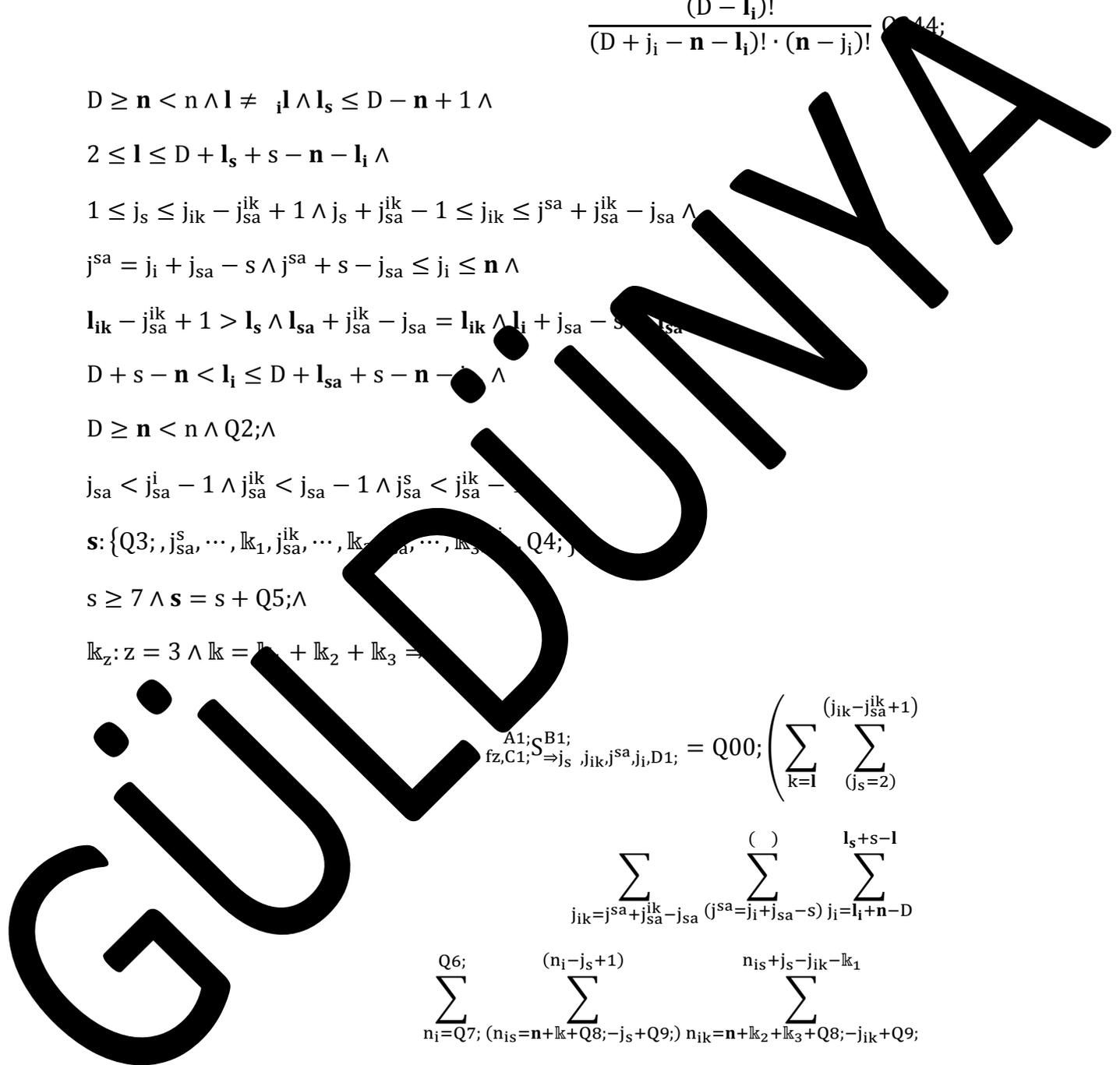
$s \geq 7 \wedge s = s + Q5; \wedge$

$l_{k_z}: z = 3 \wedge l_k = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa} (j^{sa}=j_i+j_{sa}-s))} \sum_{(j_s=2)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} = Q00; \left(\sum_{k=1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right)$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)} \sum_{(n_s=n+Q8;-j_i+Q9;)} \sum_{(n_{sa}+j^{sa}-j_i-l_{k_3})} \sum_{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} = Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$



$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - 1)!}{(l_s + j_i - l + 1)! \cdot (l - 2)!}$$

$$\frac{(l_{ik} - l_s - j_s + 1)!}{(j_s + l_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - j_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{(j^{sa} + j_{sa}^{ik} - j_{sa})} \sum_{(j^{sa} = j_i + j_{sa} - s)} \sum_{j_i = l_s + s - l + 1}^{(l_{ik} + s - l - j_{sa}^{ik} + 1)}$$

Q6; $\sum_{(n_i - j_s + 1)} \sum_{(n_{is} = n + k + Q8; -j_s + Q9;)} \sum_{(n_{ik} = n + k_2 + k_3 + Q8; -j_{ik} + Q9;)} \sum_{(n_{is} + j_s - j_{ik} - k_1)}$

$$\sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9;)} \sum_{(n_s = n + Q8; -j_i + Q9;)} \frac{(n_{ik} + j_{ik} - j^{sa} - k_2)}{n_{sa} + j^{sa} - j_i - k_3} \quad \text{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} - 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q0; \left(\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{(j_s-1)} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+j_{sa}^{ik}}^{(j_{ik}-j_s-1)} \sum_{(j_{sa}=l_{ik}+j_{sa}^{ik}-D-j_{sa}^{ik})}^{(j_{sa}^{ik}+1)} \sum_{j_i=l_i+n-D}^{(l_s+s-1)}$$

$$Q6; \sum_{(n_{is}=n+l_{ik}+k_2+k_3+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}+j_{sa}^{ik}-k_2)}^{(n_{ik}+j_{sa}^{ik}-k_2)} \sum_{(n_s=n+l_{ik}+k_2+k_3+Q8;-j_{ik}+Q9)}^{(n_{ik}+j_{sa}^{ik}-k_2)}$$

$$\sum_{(n_{ik}+j_{sa}^{ik}-k_2)}^{(n_{ik}+j_{sa}^{ik}-k_2)} \sum_{(n_s=n+l_{ik}+k_2+k_3+Q8;-j_s+Q9)}^{(n_{ik}+j_{sa}^{ik}-k_2)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - \dots)}$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{s=2}^{l_s}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(j_i+j_{sa}-1)} \sum_{j_i=l_s+s-1+1}^{l_{ik}+k+1}$$

Q6; $\sum_{n_i=Q7; (n_{is}=n+k+Q8, \dots+Q9); n_{ik}=\dots+k_2+k_3+Q8;-j_{ik}+Q9;$

$$\sum_{(n_{sa}=\dots+k_3+Q8;-j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-1)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{j_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-1-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}^{l_i-1+1} \sum_{j_i=l_{ik}-1-j_{sa}^{ik}+2}$$

$$\sum_{n_i=Q6; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}+k_2+k_3+Q8, n_{is}+Q9;}$$

$$\sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)}^{n_{is}+j_s-j_{ik}} \sum_{(n_{sa}+k_3+Q8, n_{sa}+Q9); n_{is}+Q9;}$$

$$\frac{(n_{is} - j_s - k_1 - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

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$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n}^{l_s+s-1}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-n_s=n_{sa}+j^{sa}-j_i)}^{(\cdot)}$$

$$\frac{(n_s - j_i - n - Q3 - j_{sa}^s)!}{(n_s - j_i - n - Q3 - j_{sa}^s)! \cdot (l_s - j_s - 1)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s = l - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - l_i - j_{sa} + 1 \wedge$$

$$1 \leq j_{ik} - j_{sa}^{ik} + j_s + j_{sa}^{ik} - 1 = j_i + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_i = j_i + j_{sa} = j^{sa} + j_{sa} \leq j_i < n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i + s - n < l_i \leq D + l_i + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q$$

$$j_{sa}^i < j_{sa}^{ik} \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; j_{sa}^i, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^B1; fz, C1; S \Rightarrow j_s, j_{ik} j^{sa}, j_i, D1; = Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}-j_{ik}-k_2)}^{j^{sa}-j_{ik}-k_2} Q05;$$

$$\frac{(n_s - n_{ik} - k_1 - 1)!}{(j_s - 2)! \cdot (n_s + j_s - 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

GÜLDENWA

$$\sum_{n_i=Q6;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=n+l_k+l_{k_3}+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!}$$

$$\frac{(n_{i_s} - n_{i_k} - l_{k_1} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - l_{k_1})!}$$

$$\frac{(n_{i_k} - n_{s_a} - l_{k_2} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_s - n_{i_s} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j_s - n_{i_s} - l_{k_3})!}$$

$$Q06 \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{i_k} - l_s - j_{s_a}^{i_k} + 1)!}{(j_s - l_{i_k} - j_{i_k} - l_s)! \cdot (j_{i_k} - j_s - j_{s_a}^{i_k} + 1)!}$$

$$\frac{(l_i + j_{s_a} - l_{s_a} - s)!}{(j^{s_a} + l_i - j_i - l_{s_a})! \cdot (j_i + j_{s_a} - j^{s_a} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}}^{(l_{i_k}+j_{s_a}-1-j_{s_a}^{i_k}+1)} \sum_{(j^{s_a}=l_{i_k}+n+j_{s_a}-D-j_{s_a}^{i_k})}^{l_i-1+1} \sum_{j_i=l_{i_k}+s-1-j_{s_a}^{i_k}+2}$$

$$\sum_{n_i=Q6;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=n+l_k+l_{k_3}+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

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$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q_8; -j_i+Q_9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - l_{k_2})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_s + 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(j_i + j_{sa} - l_{sa} - s)!}{(j_i + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \quad Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$Q20; \sum_{n_i=Q_7;+Q_{22};}^{(n_i-j_s-Q_{23};+1)} \sum_{(n_{is}=n+l_k+Q_8;-j_s+Q_9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_{k_3}}$$

GÜLDENWALD

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$D + s - n < l_i \leq D + l_{sa} + s - n \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1$$

$$s: \{Q3; , j_{sa}^s, \dots, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}^s, \dots, l_{k_3}, \dots, Q4; j_{sa}^s\}$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_{k_z} = l_{k_1} + l_{k_2} + l_{k_3} =$$

$$\sum_{fz, C1; \Rightarrow j_s}^{A1; S^{B1}; j_{ik}, j^{sa}, j_i, D1;} = Q00; \sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}^{l_i-l+1} \sum_{j_i=l_i+n-D}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_{k_1}+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l_i - 1)!}{(l_s - j_i - l_i + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_s + 1)!}{(j_s + l_{ik} - l_s - j_s + 1)! \cdot (j_{ik} - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i - l_{sa} - 1)!}{(j^{sa} + l_i - j_i - l_{sa} - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q000; $\sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\)} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

Q20; $\sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s-Q23;+1)}$ $\sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l_i - 1)!}{(l_s - j_s - l_i + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

GUIDANCE

$$D \geq n < n \wedge l \neq i_l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$f_{z, s}^{B1; \Rightarrow j_s, j_{ik}, j_{sa}^i, j_i, D} = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{(j_{sa})} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(j_{sa})} \sum_{j_i=l_i+n-D}^{(l_s+s-1)}$$

$$\sum_{n_i=Q}^{(n_i-j_s+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_{sa}+j^{sa}-j_i-k_3)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} - l_{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D + j_i - l_i)! \cdot (n - j_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q0; \sum_{j_s=2}^{l_s-1} \sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}^{ik}-j_{sa}}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}^{ik}-j_{sa}} \sum_{j_i=l_s+s-1+1}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)} \sum_{n_{ik}=n+l_k+l_3+Q8; -j_{ik}+Q9;}$$

$$\sum_{n_{sa}=n+l_k+l_3+Q8; -j_{sa}+Q9;} \sum_{n_s=n+Q8; -j_i+Q9;} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

GÜLDENMYA

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$Q00; \sum_{k=0}^{(l_s-1+1)} \sum_{j_s=2}$$

$$\sum_{j_{ik}=l_{ik}+n-1}^{l_{ik}-1+1} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_{ik}+s-1-j_{sa}+2}$$

$$Q6; \sum_{n_i=Q7}^{(n_i-j_s+1)} \sum_{(n_{is}=n+l_k+Q8, n_{is}+Q9)} \sum_{n_{ik}=l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9}$$

$$\sum_{(n_{sa}+l_{k_3}+Q8; -j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{(n_{sa}+j^{sa}-j_i-l_{k_3})} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

GÜLDÜZMAYA

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\)} \sum_{(j^{sa}=j_i+j_{sa}-l_i+n-D)}^{(\)} \sum_{=l_i+n-D}^{l_s+s}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_{sa}^{ik};) n_{ik}=n_{is}+j_{sa}^{ik}-k_1}^{(n_i-j_s-Q23;+1)}$$

$$\frac{(n_{sa}=n_{ik}-j_{sa}^{ik}-k_2) \sum_{=j_i-k_3}^{(\)}}{(n_s - j_i - j_s - Q31;)! \cdot (n + j_i - n - Q_{sa} - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq 1 \wedge l_s \leq D - n - 1 \wedge$$

$$D + l_s + s = n - l_i + 1 \wedge l \leq j_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} - 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i - j_{sa} - s \wedge j^{sa} - j_{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D - l_s \leq l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} - j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; fz, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)}$$

$$\frac{(n_i - l_i - 1)!}{(j_s - 2)! \cdot (n_i - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_i - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$\sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q20; (n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

$$\frac{(n_s - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$\left((D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge \right.$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - k + 1 > l_s \wedge j_s + j_{sa}^{ik} - j_{sa} > l_i \wedge j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \vee$$

$$(D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \vee$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$f_{z,C1;S}^{A1;B1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; } = Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{l_i+n-D}^{l_s+s-1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n_{sa}+k_3+Q8;-j_{ik}+}^{(n_i-j_s+1)}$$

$$\sum_{(n_{sa}=n_{sa}+Q8;-j_s+Q9;)}^{(n_{ik}+j_{ik}-n_{sa}-j_i-k_3)} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{(n_{sa}-j_i-k_3)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - k_1 - 1)!}{(n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

GÜLDÜZMİN YA

$$\begin{aligned}
 & \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)} \\
 & \sum_{j_{ik}=I_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=I_s+s-1+}^{(I_{ik}+s-1-j_{sa}^{ik}+1)} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q4;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}=n+Q8;-j_i+Q9)}^{(j^{sa}-j_{sa}-k_3)} \quad Q05; \\
 & \frac{(n_i - n_s - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{sa} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}
 \end{aligned}$$

GÜLDENWA

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \binom{()}{j^{sa}=j_i+j_{sa}-s} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+2}^{l_{sa}+s-l-j_{sa}+1}$$

$$\sum_{n_i=Q7}^{Q6; (n_i-j_s+1)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k2}+l_{k3}+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n+l_{k3}+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-l_{k2})} \sum_{n_s=n+Q8+Q9}^{n_{sa}+j^{sa}-j_i-l_{k3}}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k1} - 1)!}{(j_{ik} - j_s - 2)! \cdot (j_s - l_{k1} - j_{ik} - l_{k1})!}$$

$$\frac{(n_{ik} - l_{k2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + 1 - n_{sa} - j^{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_i + j^{sa} - n_s - j_i - l_{k3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_i+j_{sa}-s-1)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_s+s-l}$$

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$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_3}+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j_s - 1)! \cdot (n_{sa} + j^{sa} - j_i - l_{k_3})!}$$

$$Q06 \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

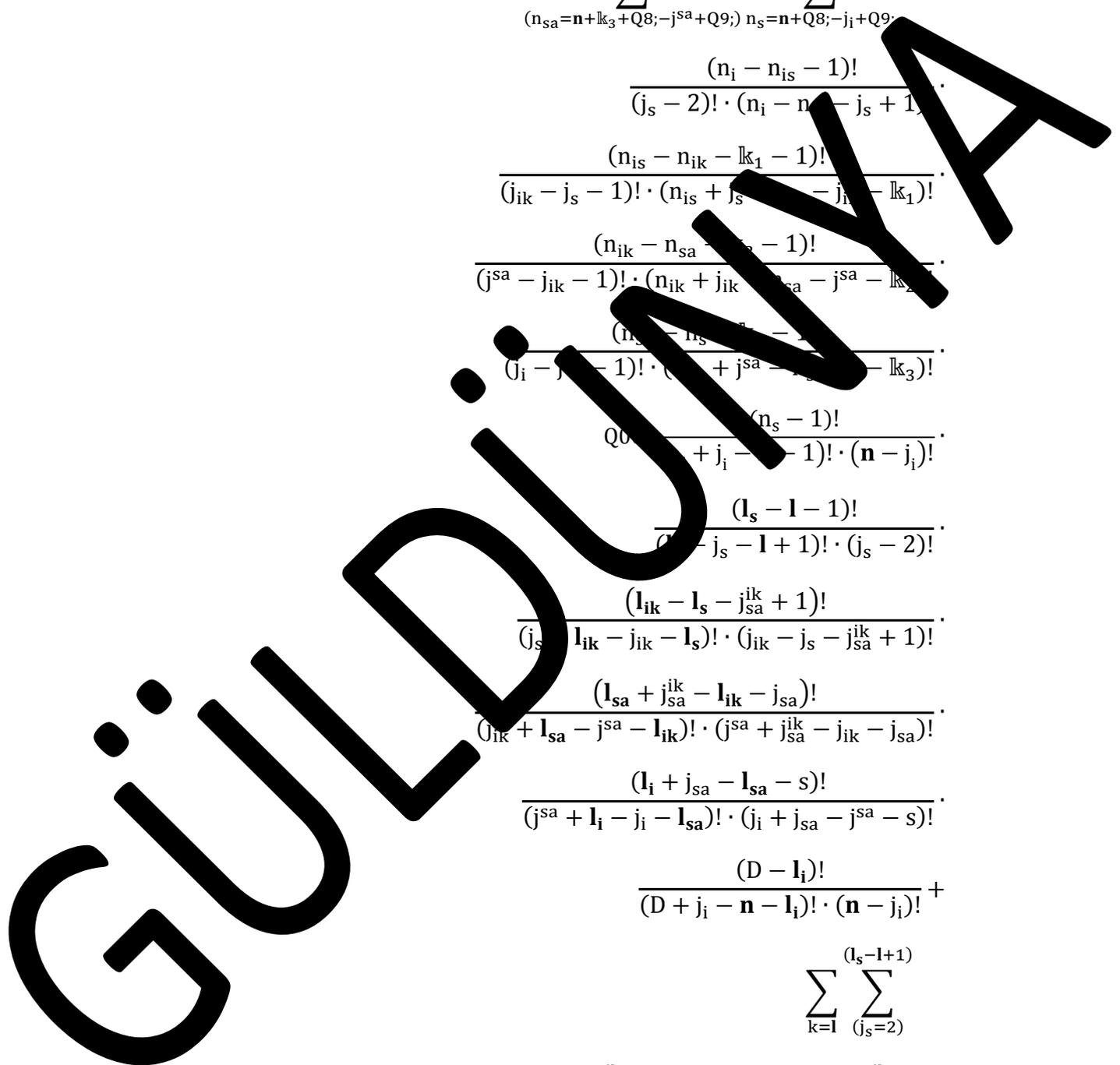
$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_s+s-1+1}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$



$$\sum_{n_i=Q_6}^{Q_6} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q_8; -j_{i_k}+Q_9)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbb{k}_3+Q_8; -j^{s_a}+Q_9)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q_8; -j_i+Q_9}^{n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3} \quad Q_{05};$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - \mathbb{k}_1 - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbb{k}_2)!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - \mathbb{k}_3)!}$$

$$Q_{06} \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{i_k} - l_s - j_{s_a}^{i_k} + 1)!}{(j_s - l_{i_k} - j_{i_k} - l_s)! \cdot (j_{i_k} - j_s - j_{s_a}^{i_k} + 1)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + l_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(l_i + j_{s_a} - l_{s_a} - s)!}{(j^{s_a} + l_i - j_i - l_{s_a})! \cdot (j_i + j_{s_a} - j^{s_a} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - \mathbf{n} - l_i)! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{i_k}=l_{i_k}+\mathbf{n}-D}^{l_{i_k}-1+1} \sum_{(j^{s_a}=l_{s_a}+\mathbf{n}-D)}^{(j_i+j_{s_a}-s-1)} \sum_{j_i=l_{i_k}+s-1-j_{s_a}^{i_k}+2}^{l_{s_a}+s-1-j_{s_a}+1}$$

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$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - k_3)!}$$

$$Q0 \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}+s-1-j_{sa}+2}^{l_i-1+1}$$

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$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8; -j_{i_k}+Q9)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbb{k}_3+Q8; -j^{s_a}+Q9)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)} \sum_{(n_s=\mathbf{n}+Q8; -j_i+Q9)}^{n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - \mathbb{k}_1 - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbb{k}_2)!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - \mathbb{k}_3)!}$$

$$Q04; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{i_k} - l_s - j_{s_a}^{i_k} + 1)!}{(j_s - l_{i_k} - j_{i_k} - l_s)! \cdot (j_{i_k} - j_s - j_{s_a}^{i_k} + 1)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + l_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(l_i + j_{s_a} - l_{s_a} - s)!}{(j^{s_a} + l_i - j_i - l_{s_a})! \cdot (j_i + j_{s_a} - j^{s_a} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - \mathbf{n} - l_i)! \cdot (\mathbf{n} - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}^{(\quad)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}}^{(\quad)} \sum_{(j^{s_a}=j_i+j_{s_a}-s)}^{(\quad)} \sum_{j_i=l_i+\mathbf{n}-D}^{l_s+s-1}$$

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$$\sum_{n_i=Q7;+Q22}^{Q20} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s - Q31)!} \cdot \frac{(l_s - 1 - j_s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q44;$$

$$\begin{aligned} & ((D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1) \wedge \\ & D + l_s + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1) \wedge \\ & 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge \\ & j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge \\ & l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - j_{sa} \wedge \\ & D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \vee \\ & ((D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1) \wedge \\ & D + l_s + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge \\ & 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge \\ & j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge \\ & l_i - s + 1 > l_s \wedge l_{sa} + j_{sa} - j_{sa} > l_i \wedge l_i + j_{sa} - j_{sa} \wedge \\ & D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa})) \wedge \\ & D \geq n < n \wedge Q2; \wedge \\ & j_{sa} < j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge \\ & s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge \\ & s \geq 7 \wedge s = s + Q5; \wedge \\ & k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow \end{aligned}$$

$$A1;S^B1; \Rightarrow j_s, j_{ik}j^{sa}, j_i, D1; = Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_{sa}+s-1-j_{sa}+1}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_{10}-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q_{11})}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-n-k_3)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$$

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$$\begin{aligned}
 & \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_{sa}+s-l-j_{sa}+1} \\
 & \sum_{n_i=Q_6; (n_{is}=n+k+Q_8;-j_s+Q_9);}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8;-j_{ik}+Q_9;}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q_8;-j^{sa}+Q_9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q_8;-j_i+Q_9;}^{n_{sa}+j^{sa}-j_i-k_3} \\
 & \frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!} \cdot \\
 & \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-j_{ik}+j_s-j_{ik}-k_1)!} \cdot \\
 & \frac{(n_{ik}-1-k_2)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}-1-n_{sa}-j^{sa}-k_2)!} \cdot \\
 & \frac{(n_{sa}-n_s-k_3-1)!}{(j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-k_3)!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \\
 & \frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}
 \end{aligned}$$

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$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}+s-l-j_{sa}+2}^{l_i-l+1}$$

$$\sum_{n_i=Q_6}^{Q_6} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q_8; -j_i+Q_9}^{n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - k_1 + j_s - 1)! \cdot (j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j^{sa} - 1)! \cdot (j^{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q_{04};$$

$$Q_{000}; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_s+s-1}$$

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}} (n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2) n_s=n_{sa}+j^{sa}-j_i-k_3$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!} \cdot \frac{(l_s - 1 - 1)!}{(j_i - 1 - 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q044;$$

$$\left((D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq l_i - 1 \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_{ik} - s + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_s \wedge l_{sa} + j_{sa} - s > l_{sa} \wedge D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \vee (D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq l_i - 1 \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_{sa} = s + 1 \wedge l_s \leq l_{sa} \wedge D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \wedge$$

$$D \geq n < n \wedge Q2;$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \overset{A1; S^{B1};}{fz, C1; \Rightarrow} j_s, j_{ik}, j_{sa}^i, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} (j_{sa}^{i, n-D}) \sum_{j_i=1}^{l_i-1+1} (j_i+n-D) \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;)}^{Q6; (n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}}^{(n_i-j_s+1)} \sum_{(j_{ik}+j_{ik}-j_{sa}^{i, k_2})}^{n_{is}+j_s-j_{ik}} \sum_{(n_{sa}=n+k_3)}^{(n_{is}+j_s-j_{ik})} (j_i-j_{sa}^{i, k_3}) \\
 & \sum_{(n_{sa}=n+k_3)}^{(n_{is}+j_s-j_{ik})} (j_i-j_{sa}^{i, k_3}) \sum_{(n_{sa}=n+k_3)}^{(n_{is}+j_s-j_{ik})} (j_i-j_{sa}^{i, k_3}) \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!} \\
 & \frac{(n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa}^{i, k_1} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa}^{i, k_2})!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa}^{i, k_2} - 1)! \cdot (n_{sa} + j_{sa}^{i, k_2} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{i, k_1} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{i, k_1} + 1)!} \\
 & \frac{(l_{sa} + j_{sa}^{i, k_1} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa}^{i, k_1} - l_{ik})! \cdot (j_{sa}^{i, k_1} + j_{sa}^{i, k_1} - j_{ik} - j_{sa})!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa}^{i, k_1} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa}^{i, k_1} - s)!}
 \end{aligned}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-I_i+n-D)}^{(\cdot)} \sum_{=I_i+n-D}^{I_s+s}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_{sa}^{ik};) n_{ik}=n_{is}+j_{sa}^{ik}-k_1}^{(n_i-j_s-Q23;+1)}$$

$$\frac{(n_{sa}=n_{ik}-j_{sa}-k_2; \dots; j_{sa}-j_i-k_3)}{(n_s - j_i - j_s - Q31;)!} \cdot \frac{(n + j_i - n - Q_{sa} - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}{(I_s - I_i - 1)! \cdot (j_s - I_i + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge I_i \neq 1 \wedge I_s \leq D - n - I_i \wedge$$

$$2 < I_i \leq D + I_i + s - I_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} - 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i - j_{sa} - s \wedge j^{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$I_{ik} - j_{sa}^{ik} + 1 \leq I_s \wedge I_s - j_{sa}^{ik} - j_{sa} > I_{ik} \wedge I_i + j_{sa} - s = I_{sa} \wedge$$

$$D - I_i \leq I_i \leq D + I_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} - j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-1-j_{sa}^{ik}+1)} \sum_{j_i=j_{sa}^{sa}+s}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q9; j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}-j_{sa}-k_3)}^{(n_{sa}-j_{sa}-k_3)} Q05;$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l_i+1} \sum_{(j_{sa}=l_{ik}+j_{sa}-1-j_{sa}^{ik}+2)}^{(l_i+j_{sa}-1-s+1)} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=n+l_k+l_{k_2}+l_{k_3}+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - l_{k_1} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - l_{k_1})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_{i_s} - n_s - 1)!}{(j_i - j_s - 1)! \cdot (n_{i_s} + j_s - n_s - l_{k_3})!}$$

$$Q000; \frac{(n_s - 1)!}{(n - j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{i_k} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}}^{(l_{i_k}+j_{s_a}-l-j_{s_a}^{i_k}+1)} \sum_{(j^{s_a}=l_i+n+j_{s_a}-D-s)} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})}^{()} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq l_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s - l_{sa}$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - l_{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1$$

$$s: \{Q3; , j_{sa}^s, \dots, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}^s, \dots, l_{k_3}, \dots, Q4; j_{sa}^s\}$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_{k_z} = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$\sum_{z=C1; \Rightarrow j_s}^{A1; S^{B1}; j_{ik}, j_{sa}, j_i, D1; } = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_{k_1}+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l_i - 1)!}{(l_s - l_i + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - j_{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q000; $\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$

$$\sum_{j_{ik}=j_{sa}^{ik}-j_{sa}}^{(k+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{(n_i-j_s-Q23;+1)} \sum_{(=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{j_s=1}^{j_{ik}-j_{sa}^{ik}+1} \sum_{j_i=j_s+j_{sa}^{ik}-1}^{j_{ik}} \sum_{j_{sa}^{ik}=j_{sa}-1}^{j_{sa}^{ik}} \sum_{j_{sa}=j_{sa}^{ik}-j_s}^{j_{sa}^{ik}-j_s+1} \sum_{j_i=j_s+j_{sa}^{ik}-1}^{j_{ik}} \sum_{j_{sa}^{ik}=j_{sa}-1}^{j_{sa}^{ik}} \sum_{j_{sa}=j_{sa}^{ik}-j_s}^{j_{sa}^{ik}-j_s+1} \\
 & \sum_{n_i=Q6; }^{n_i+Q7; } \sum_{n_{ik}=n+k_2+k_3+Q8; }^{n_{ik}+n+k_2+k_3+Q8; } \sum_{n_{is}=n+k_2+k_3+Q8; }^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q8; }^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8; }^{n_{sa}+j^{sa}-j_i-k_3} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}
 \end{aligned}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{j_s=j_{ik}-j_{sa}^{ik}}$$

$$\sum_{j_{ik}=j_s}^{l_{ik}-l+1} \sum_{(j_{sa}=l_{ik}-1-j_{sa}^{ik}+2)}^{l_{ik}-l+1} \sum_{j_s=j_s}^{j_s-j_{ik}-l_{k_1}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9);}^{(n_i-j_s+1)} \sum_{(n_{sa}+j_{sa}^{ik}-j_i-l_{k_3})}^{(n_i-j_s+1)}$$

$$\sum_{(n_{ik}=n+l_{k_3}+Q8;-j_{sa}+Q9);}^{(n_{sa}+j_{sa}^{ik}-j_i-l_{k_3})} \sum_{(n_s=n+Q8;-j_i+Q9);}^{(n_{sa}+j_{sa}^{ik}-j_i-l_{k_3})} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

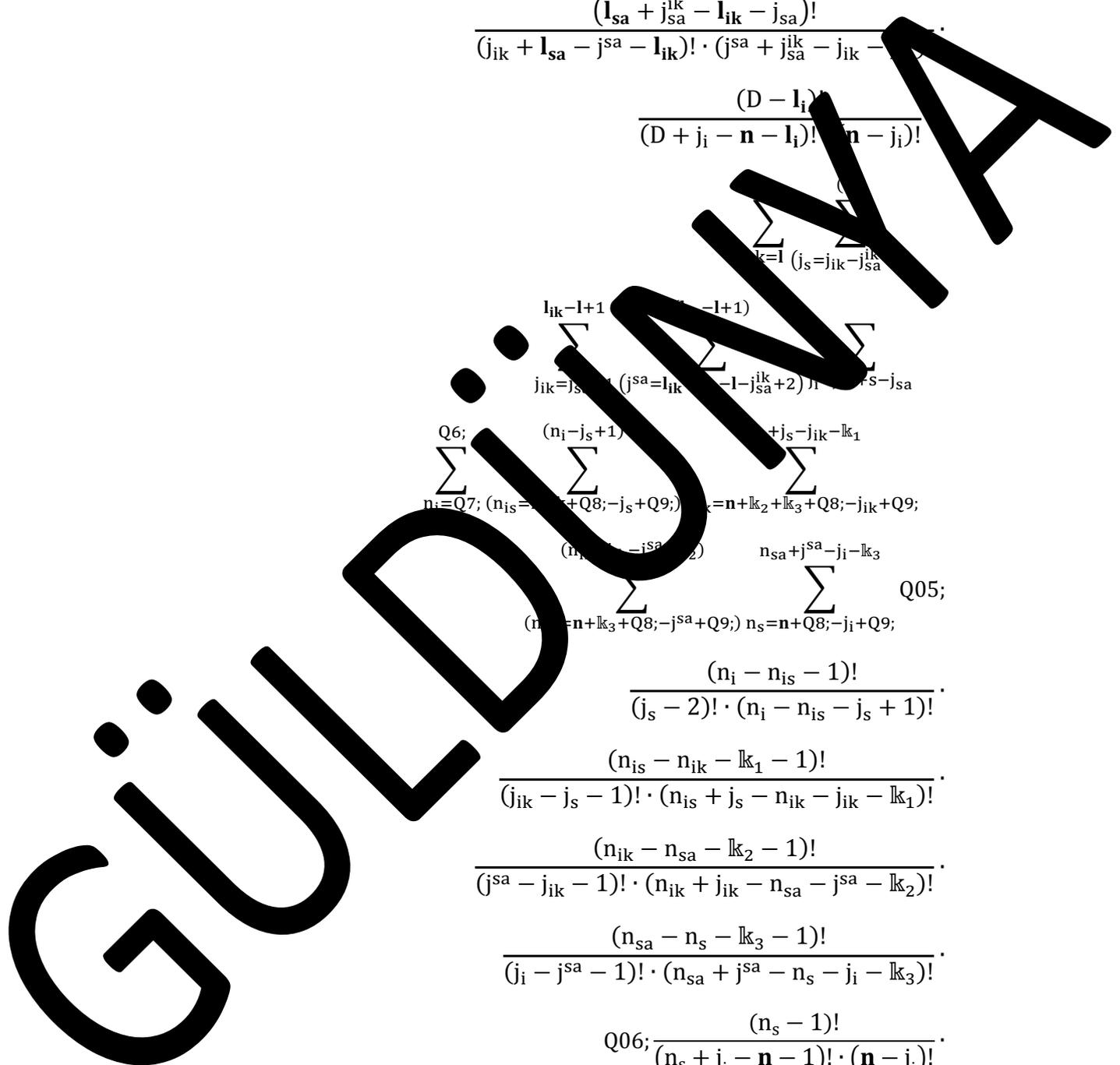
$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$



$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa} (I_i+n+j_{sa}-D-s-1)} \sum_{(j_{sa}=I_{sa}+n-D)}^{I_i-1+} \sum_{=I_i+n-D}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);} \sum_{(n_i-j_s+1)}^{n_s+j_s-j_{ik}} \sum_{(n_{ik}+k_2+k_3+Q8;-j_s+Q9)}$$

$$Q05; \frac{(n_{ik}+j_{ik}^{sa}-k_2) \dots (n_s+j_s-j_{ik})}{(n_{sa}+k_3+Q8; \dots +Q9) n_s \dots +Q9}$$

$$\frac{(n_{is} - n_{is} - 1)!}{(n_{is} - 2)! \cdot (n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - k_1 - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j_{sa} - I_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(I_i + j_{sa} - I_{sa} - s)!}{(j_{sa} + I_i - j_i - I_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j_{sa}+s-j_s}^{l_i-1+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q9;}^{n_{is}+j_s-j_{ik}-k_1} \sum_{j_{ik}+Q9;}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-n_s-j_i+Q9;)}^{(n_{sa}-j_{sa}-k_3)} \sum_{(n_{sa}+j_{sa}-n_s-j_i+Q9;)}^{(n_{sa}-j_{sa}-k_3)} Q05;$$

$$\frac{(n_{is}-n_i-1)!}{(j_s-2)! \cdot (n_{is}+j_s+1)!}$$

$$\frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{sa}+j_{sa}-n_{ik}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i-j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!}$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q7}^{Q6; (n_i-j_s+1)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{(n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9)}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8;-j^{sa}+Q9)}^{(n_{sa}+j^{sa}-j_i-l_{k_3})}$$

$$\frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_s-n_{ik}-l_{k_1}-1)!}{(j_{ik}-j_s-2)! \cdot (n_s-n_{ik}-l_{k_1}-j_{ik}-l_{k_1})!}$$

$$\frac{(n_{ik}-l_{k_2}-1)!}{(j^{sa}-j_{ik}-2)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_{k_2})!}$$

$$\frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_i-j^{sa}-1)! \cdot (n_s+j^{sa}-n_s-j_i-l_{k_3})!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!}$$

$$\left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_{sa}^s)!}{(l_s - j_s - 1)! \cdot (l_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa} > l_{ik} \wedge j_{sa} > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2,$$

$$j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, \dots, k_3, j_{sa}, Q4; \} \wedge$$

$$s \geq 7, \dots = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8; -j_{i_k}+Q9)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbb{k}_3+Q8; -j^{s_a}+Q9)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8; -j_i+Q9}^{n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - \mathbb{k}_1 - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbb{k}_2)!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - \mathbb{k}_3)!}$$

$$Q00; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(D - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{i_k} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}^{(\cdot)}$$

$$\sum_{j_{i_k}=j_{s_a}^{i_k}+1}^{l_s+j_{s_a}^{i_k}-l} \sum_{(j^{s_a}=l_s+j_{s_a}-l+1)}^{(l_i+j_{s_a}-l-s+1)} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8; -j_{i_k}+Q9)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbb{k}_3+Q8; -j^{s_a}+Q9)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8; -j_i+Q9}^{n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3} \quad Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + n_i - n - j_i - 1)!}{(n_s + n_i - n - j_i - 1)!}$$

$$\frac{(l_s - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (n_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

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$$D \geq n < n \wedge l \neq i_l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq i_l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{Q00} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\dots)} \\
 & \sum_{k=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(j_{sa}+j_{sa}^{ik}-1-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(j_{sa}+j_{sa}^{ik}-1-s+1)} \\
 & \sum_{n=1}^{Q6} \sum_{(n_i=n+j_s+1)}^{(n_i-j_s+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_{is}+j_s-j_{ik}-k_1)} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_{sa}+j^{sa}-j_i-k_3)} \quad Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot
 \end{aligned}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q00; \sum_{k=1}^{j_i} (j_s = j_{ik} - j_{sa}^{ik})$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}}^{j_i} \sum_{j_{sa}^{ik}=j_{sa}-D-S}^{j_{sa}^{ik}+j_{sa}-1} (j_{sa}^{ik} = j_{sa} - D - S) j_{sa}^{ik} + S - j_{sa}$$

$$Q20; \sum_{n_i=Q7+Q8}^{n_i-1} (n_i = n + k + Q8; + Q9;) n_{ik} = n_{is} + j_s - j_{ik} - k_1$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)}^{n_{sa}-1} \sum_{n_s=n_{sa}+j_{sa}-j_i-k_3}^{n_s-1}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D > n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - s + s - n - l_i \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa} = j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned} & \overset{A1; S^{B1};}{fz, C1; \Rightarrow} \overset{j_s, j_{ik}, j_{sa}^s, j_i, D1;}{=} Q00; \sum_{k=1}^{\overset{(i_k - j_{sa}^{ik} + 1)}{}} \sum_{j=2}^{\overset{(j_s - 1)}{}} \\ & \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_i}^{\overset{(j_s - 1)}{}} \sum_{j_i=n+j_{sa}-j_{sa}^{ik}}^{\overset{(j_s - 1)}{}} \sum_{j_i=j_{sa}+s-j_{sa}^{ik}}^{\overset{(j_s - 1)}{}} \\ & \overset{Q6;}{\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_{sa}^{ik}+Q9;)} n_{ik}=j_{sa}+k_2+k_3+Q8; -j_{ik}+Q9;}} \sum_{n_{sa}=j_{sa}+j_{sa}^{ik}-j_i}^{\overset{(n_{ik}+j_{ik}-j_{sa}^s)}{}} \sum_{n_s=j_{sa}-j_i-k_3}^{\overset{(n_{sa}+j_{sa}-j_i-k_3)}{}} Q05; \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\ & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02; \end{aligned}$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_i+j_{sa}-1-s+1)} \sum_{(j^{sa}=l_s+j_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);} \sum_{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{is}+j_s-j_{ik}-k_1)}$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)} \sum_{(n_{sa}+j^{sa}-n-k_3)} \sum_{(n_{sa}+j^{sa}-n-k_3)}$$

$$\frac{(n_i - n_s - 1)!}{(j_s - 2)! \cdot (n_s + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7; +Q22;}^{Q20;} \sum_{(n_{iS}=n+k+Q8; -j_s+Q9;)}^{(n_i-j_s-Q23; +1)} \sum_{n_{iK}=n_{iS}+j_s-j_{iK}-k_1} \sum_{(n_{sA}=n_{iK}+j_{iK}-j^{sA}-k_2)}^{()} \sum_{n_s=n_{sA}+j^{sA}-j_i-k_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sA}^s)! \cdot (n + j^{sA} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_s - Q31;)!}{(l_s - j_s - Q31; -1)! \cdot (l_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i - Q31;)!} \cdot (n - j_i)! \cdot Q44;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{iK} - j_{sA}^{iK} + 1 \wedge j_s + j_{sA}^{iK} - 1 \leq j_s \leq j^{sA} + j_{sA}^{iK} - 1 \wedge$$

$$j^{sA} = j_i + j_{sA} - s \wedge j^{sA} + s - j_{sA} \leq i \leq n \wedge$$

$$l_{iK} - j_{sA}^{iK} + 1 > l_s \wedge l_{sA} + j_{sA}^{iK} - j_{sA} = l_{iK} \wedge l_{sA} + j_{sA} \leq l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2,$$

$$j_s < j_{sA}^{iK} - 1 \wedge j_{sA}^{iK} < j_{sA} - 1 \wedge j_{sA}^s < j_{sA}^{iK} - 1 \wedge$$

$$s: \{Q3; , j_{sA}^s, \dots, k_1, k_2, \dots, k_3, j_{sA}, Q4; \} \wedge$$

$$s \geq 7, s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S B1; f_z, C1; \Rightarrow j_s, j_{iK}, j^{sA}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{iK}=j^{sA}+j_{sA}^{iK}-j_{sA}} \sum_{(j^{sA}=l_i+n+j_{sA}-D-s)}^{(l_i+j_{sA}-l-s+1)} \sum_{j_i=j^{sA}+s-j_{sA}}$$

$$\sum_{n_i=Q7; }^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{iK}=n+k_2+k_3+Q8; -j_{iK}+Q9;}^{n_{iS}+j_s-j_{iK}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)} \text{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1 - 1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_{sa} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_{sa} - n_s - j_i - k_3 - 1)!}$$

$$\frac{(n_{sa} - 1)!}{(n_s + 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{Q04;}$$

$$\text{Q000; } \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s+j_{sa}-1)}$$

$$\text{Q20; } \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n_{sa}+j^{sa}-j_i-k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3\} \quad Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 \quad \wedge_3 \Rightarrow$$

$$\sum_{i_k, j_{sa}^{ik}, j_i, D1; } = Q00; \left(\sum_{k=1}^{A1; S B1; z, C1; } \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; }^{Q6; } \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9; }^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9; }^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - 1)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(n - l_i)!}{(n - n - l_i + 1)! \cdot (n - j_i)!}$$

$$\sum_{j_s=1}^{\infty} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=1}^{l_s+j_{sa}^{ik}-1} \sum_{j_{sa}=1}^{l_{sa}-l+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=1}^{(n_{is}-n_{ik}+Q8;-j_s+Q9)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

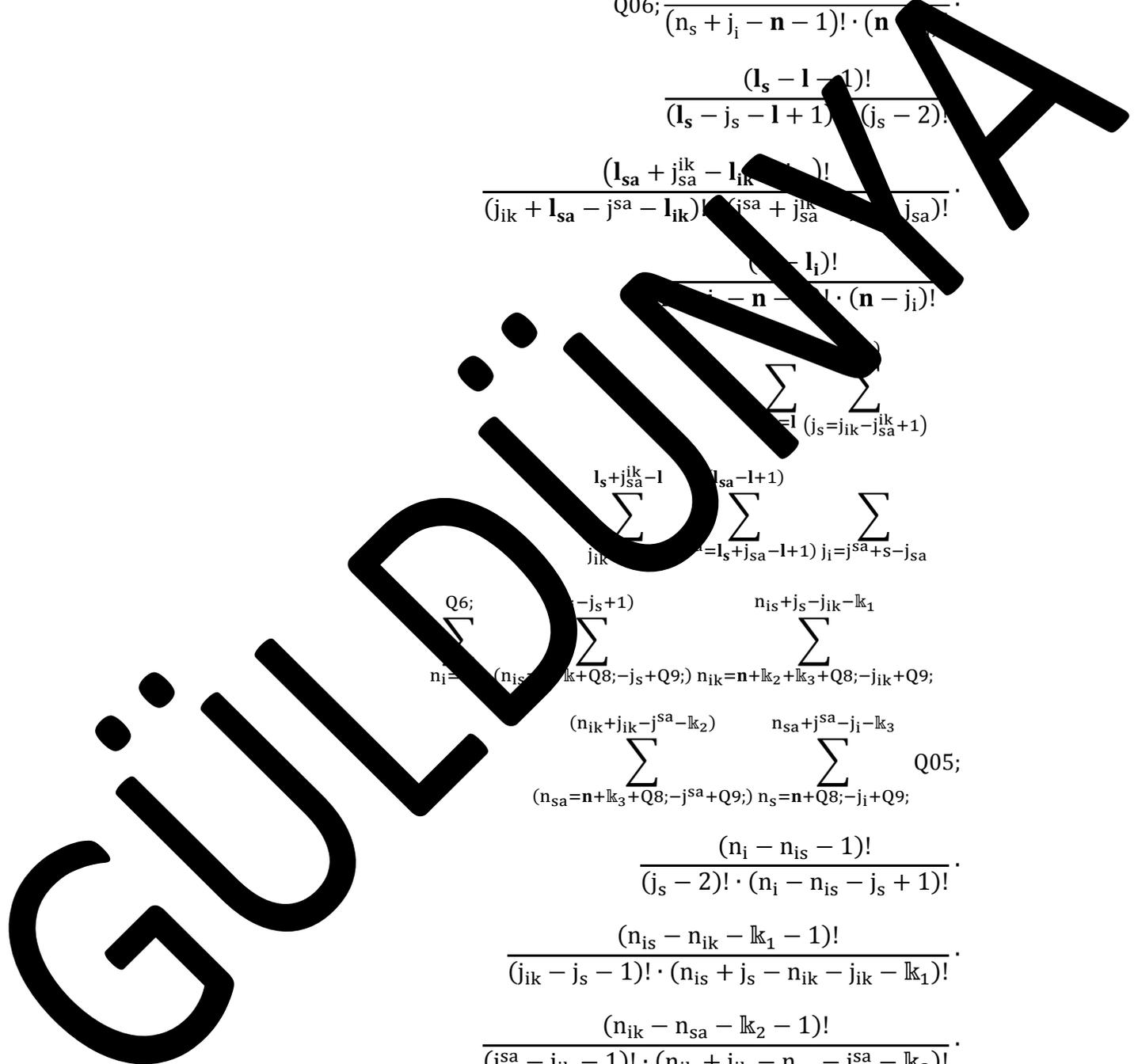
$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$



$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j_{sa} - I_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!}$$

$$Q00; \left(\sum_{k=1}^{()} \sum_{(j_s=j_s)}^{()} j_{sa}^{ik} + 1 \right)$$

$$\sum_{j_{ik}=i}^{j_{sa}+j_{sa}^{ik}-j_{sa} (I_i+...-D-s-1)} \sum_{(j_{sa}=I_{sa}+...)} \sum_{j_i=I_i+n-D} 1$$

Q6; (n - j_s + 1)

n_i=Q7; (n_{is}=n+k+Q8; ... Q9;) n_{ik}=... k_2+k_3+Q8; -j_{ik}+Q9;

$$\sum_{(n_{sa}=...+Q8; ...+Q9)} \sum_{n_s=n+Q8; -j_i+Q9}^{(n_{ik}+j_{ik}-j_{sa}^{ik})} \sum_{n_{sa}+j_{sa}^{ik}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j_{sa} - I_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(I_i + j_{sa} - I_{sa} - s)!}{(j_{sa} + I_i - j_i - I_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j_s-j_{sa}+1}^{l_i-1+1}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{is}=n+k+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{n_{ik}+k_2+k_3+Q8}^{n_{is}+j_s-j_{ik}+Q9}$$

$$\frac{(n_{ik}+j_{ik}-j_{sa}-k_2) \cdot (j^{sa}-j_i-k_3)}{(n_{sa}+k_3+Q8; -j_s+Q9) \cdot n_s+Q9} \cdot Q05;$$

$$\frac{(n_{is}-1)!}{(n_{is}-2)! \cdot (n_{is}-j_s+1)!}$$

$$\frac{(n_{is}-1-k_1-1)!}{(j_{ik}-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-k_3)!}$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_s}^{l_i-l+1}$$

$$\sum_{n_i=Q6;}^{Q6;} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q9;-j_{ik}+Q9;)}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{(n_{sa}-j_{ik}-k_1)}$$

$$\frac{(n_s - n_{is} - 1)!}{(j_s - 2)! \cdot (n_s + j_s - 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_i=j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\cdot)} \sum_{n_s=n_{sa}+j_s-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

$$\frac{(j_s - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$

$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq 1 \wedge D + l_{sa} - n - l_i - j_{sa} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{ik} + j_{sa} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{ik} + 1 = l_s - n + j_{sa}^{ik} - j_{sa} > 0 \wedge l_{sa} - j_{sa} - s > l_{sa} \wedge$

$D - s - n < 0 \leq D + l_{sa} + s - n - j_{sa} \wedge$

$D > n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa}^{ik} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; j_{sa}^s, \dots, j_{sa}^{ik}, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \geq 0 \wedge s \leq s + Q5; \wedge$

$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$$A1; S B1; f_z, C1; \Rightarrow_{j_s} j_{ik} j^{sa} j_i, D1; = Q00; \left(\sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{is}=n+k+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8+j^{sa}+Q9}^{n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_i-n_{is}-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i-j^{sa}-1)! \cdot (n_i+j^{sa}-n_s-j_i-k_3)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Big) Q02;$$

$$Q00; \left(\sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-1+1}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{is}=n+k+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

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$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q_8; -j_i+Q_9}^{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_{is} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_{is} - l_{k_3})!}$$

$$\frac{(n_{is} - 1)!}{(n_s + 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(j_i + j_{sa} - l_{sa} - s)!}{(j_i + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q_7}^{Q_6} \sum_{(n_{is}=n+l_{k_3}+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q_8; -j_i+Q_9}^{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + j_i - n - j_s - 1)!}{(n_s + j_i - n - j_s - 1)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (n_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(n_s + j_{sa} - l_{sa} - s)!}{(n_s + l_i - j_i - s)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_2, j_{sa}, Q4; \dots, A$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$= Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \dots \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \text{ Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i - 1)!}{(D + l_i - n - l_i)! \cdot (j_i - l_i)!}$$

$$\sum_{j_s=2}^{l_s-1} \sum_{j_i=1}^{l_s-1+j_s} \frac{(l_{ik} + j_i - l - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\sum_{j_i=j^{sa}+j_{sa}^{ik}-j_{sa}}^{l_{ik}+j_i-1-j_{sa}^{ik}+1} \sum_{j_s=l_s+j_{sa}-1+1}^{l_s-1+j_s} \sum_{j_i=j^{sa}+s-j_{sa}}^{n_{is}+j_s-j_{ik}-k_1} \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$n_i=Q7; (n_{is}=n+k_3+Q8; -j_s+Q9; n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9; n_{ik}+j_{ik}-j^{sa}-k_2) \sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)} \sum_{n_s=n+Q8; -j_i+Q9;} \frac{(n_{sa} + j^{sa} - j_i - k_3)!}{(n_{sa} + j^{sa} - n_s - j_i - k_3)!} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q02;$$

$$Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right)$$

$$\sum_{j_{ik}=j_s^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_i+n+j_{sa}-D-s-1)} \sum_{(j_s^{sa}=l_{ik}-j_{sa}^{ik})}^{(j_{sa}-D-j_{sa}^{ik})} \sum_{(j_s=1)}^{(j_{sa}-D-j_{sa}^{ik})}$$

$$\sum_{n_i=Q7; (n_i+j_s+1)}^{(n_i-j_s+1)} \sum_{(n_i+l_k+Q8;-j_s+1)}^{(n_i-j_s+1)} \sum_{(n_i+l_k+Q8;-j_s+1)}^{(j_s-j_{ik}-k_1)} \sum_{(n_i+l_k+Q8;-j_s+1)}^{(j_s-j_{ik}-k_1)} \sum_{(n_i+l_k+Q8;-j_s+1)}^{(j_s-j_{ik}-k_1)} Q9;$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j_s+1)}^{(n_{sa}+j_{sa}^{ik}-j_i-k_3)} \sum_{(n_{sa}=n+l_{k_3}+Q8;-j_s+1)}^{(n_{sa}+j_{sa}^{ik}-j_i-k_3)} \sum_{(n_{sa}=n+l_{k_3}+Q8;-j_s+1)}^{(n_{sa}+j_{sa}^{ik}-j_i-k_3)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_i - j_{is} - 1)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - n_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa}^{ik} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa}^{ik} - 1)! \cdot (n_{sa} + j_{sa}^{ik} - n_s - j_i - k_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_s^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa}^{sa} - s)!} \cdot$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_{sa}^{sa} + j_{sa}^{ik} - j_{sa}}^{(I_s + j_{sa} - 1)} \sum_{(j_{sa}=I_i + n + j_{sa} - D - s)}^{I_i - 1 + 1} \sum_{j_i = I_i + s - j_{sa} + 1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9); n_{ik}+k_2+k_3+Q9; n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{ik}+j_{ik}-j_{sa}-k_2)}^{n_{is}+j_s-j_{ik}} \sum_{(n_{sa}+k_3+Q8; j_{sa}+Q9); n_{is}+Q9; n_{is}-1)!}$$

$$\frac{(n_{is} - j_s - k_1 - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(I_i + j_{sa} - I_{sa} - s)!}{(j_{sa} + I_i - j_i - I_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} +$$

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$$\begin{aligned}
 & \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)} \\
 & \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(I_{ik}+j_{sa}-1-j_{sa}^{ik}+1)} \sum_{(j^{sa}=I_s+j_{sa}-1+1)}^{(I_s-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(I_s-1+1)} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q9;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9);}^{(n_{sa}-j_i-k_3)} \dots Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_s + j_i - 1)!} \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(I_i + j_{sa} - I_{sa} - s)!}{(j^{sa} + I_i - j_i - I_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \\
 & \left. \frac{(D - I_j)!}{(D + j_i - n - I_j)! \cdot (n - j_i)!} \right) Q04; \\
 & Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}
 \end{aligned}$$

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$$\sum_{j_{ik}=j_s^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j_s^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})}^{(\cdot)} \sum_{n_s=n_{sa}+j_s-j_i-l_{k_3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

$$\frac{(j_s - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D + l_s + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \leq j_{sa}^{ik} - 1 \leq j_{ik} - j_s^{sa} + j_{sa} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{ik} + 1 > l_s + j_{sa} + j_{sa}^{ik} - j_{sa} = l \wedge l_s + j_{sa} - s > l_{sa} \wedge$$

$$D - s - n < l \leq D + l_s + s - n - j_{sa} \wedge$$

$$D > n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, \dots, j_{sa}^{ik}, l_{k_1}, l_{k_2}, j_{sa}, \dots, l_{k_3}, j_{sa}^i, Q4; \} \wedge$$

$$s \leq l \wedge s \leq s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_{k_z} = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$f_{z,C1;S \Rightarrow j_s, j_{ik} j^{sa}, j_i, D1;}^{A1;S B1;} = Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{sa}=l_1+n+j_{sa}-D-s)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_7; (n_{is}=n+k+Q_8;-j_s+Q_9;)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8;-j_{ik}+}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q_8;-j_{sa}+Q_9;)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{n_s=n+Q_8+Q_9;}$$

$$\frac{(n_i-1)!}{(j_s-2)!(n_i-n_{is}+1)!}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)!(n_i-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-1)!(n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i+j_{sa}-1)!(n_i+j_{sa}-n_s-j_i-k_3)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!(n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)!(j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)!(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D-l_1)!}{(D+j_i-n-l_1)!(n-j_i)!} Q_{02};$$

$$Q_{00}; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(l_1+n+j_{sa}-D-s-1)} \sum_{(j_{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=l_1+n-D}^{l_1-1+1}$$

$$\sum_{n_i=Q_7; (n_{is}=n+k+Q_8;-j_s+Q_9;)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8;-j_{ik}+Q_9;}$$

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$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - k_2)!} \cdot \frac{(n_{sa} - n_{sa} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \frac{(n_s - 1)!}{(n_s + 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa} - l_{sa} - s)!}{(l_i + l_j - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-l+1)} \sum_{(j_s=2)}^{(j_s-2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{(l_i-1+1)}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + j_i - n - j_i - 1)!}{(n_s + j_i - n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} - 1)!}{(j_s + l_{ik} - j_{ik} - l_s - j_{sa}^{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_s + j_{sa} - l_s - s)!}{(n_s + l_s - j_i - s)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_2, j_{sa}, Q4; \dots, A$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$Q1; S^{B1}, \dots, \Rightarrow j_s, j_{ik}, \dots, j_i, D1; = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j_s=j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);} \sum_{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;} \sum_{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(D - 1)!}{(n - l_j) \cdot (n - j_i)!} Q00;$$

$$Q00; \sum_{k=1}^{-l+1} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{j_{ik}=l_{ik}}^{(l_{ik}-j_{sa}-1-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=n+l_{ik}+k_2+k_3+Q8;-j_s+Q9;} \sum_{-j_s+1}^{n_{is}+j_s-j_{ik}-k_1} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0;$$

$$Q00; \sum_{k=1}^{l_s - l + 1} \frac{1}{(j_s - k)!}$$

$$\sum_{j_{ik}=l_{ik} - l + 1}^{l_{ik} - l + 1} \sum_{j_{sa}=l_{sa} - l + s + 1}^{l_{sa} - l + s + 1} \frac{1}{(j_{sa} - l_{ik} - l + j_{sa}^{ik} + 2)!} \frac{1}{(n - j_{sa} - l_s + j_{sa})!}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_{ik}+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)!} \sum_{k=n+l_{k2}+l_{k3}+Q8;-j_{ik}+Q9;}^{(n_i-j_s+1)!} \sum_{n_{sa}+j_{sa}^{ik}-j_i-l_{k3}}^{+j_s-j_{ik}-l_{k1}} \frac{1}{(n_{sa}+j_{sa}^{ik}-j_i-l_{k3})!} \frac{1}{(n_{sa}+j_{sa}^{ik}-j_i-l_{k3})!} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

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$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q04;}$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=l_i+n+j_{sa}-j_{sa}^{ik}-j_{sa})} \sum_{(j_{sa}^{ik}=j_{sa}^{ik}-j_{sa}^{ik}+1)}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+Q8;+Q9;)} \sum_{(n_i-j_s-Q23;+1)} \sum_{(n_{ik}=j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n_{is}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}^{ik}-j_i-k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - j_s - s - Q31; - j_{sa})! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l_i \leq l_i \wedge l_s \leq n - n \wedge$$

$$D + j_i + s - n - l_i + 1 \leq l_i \leq j_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{ik} - j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_{sa} > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge \mathbf{s} = \mathbf{s} + Q5; \wedge$$

$$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \Rightarrow$$

$$fz, C1; S^{B1}; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)}$$

$$\sum_{j_{ik}=I_{ik}+n-D}^{I_{ik}-1+1} \sum_{(j^{sa}=I_i+n+j_{sa}-D-s)}^{(I_i+j_{sa}-1-s+1)} \sum_{j_i^{sa+s-j_{sa}}}^{(I_i+j_{sa}-1-s+1)}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}^{k_2+k_3+Q8; -j_i+Q9;}}^{(n_i-j_s+1)} \sum_{n_{ik}^{k_2+k_3+Q8; -j_i+Q9;}}^{(n_i-j_s+1)}$$

$$\sum_{(n_{sa}^{k_3+Q8; -j_s+Q9;})}^{(n_{ik}+j_i^{sa-k_2})} \sum_{(n_s^{k_3+Q8; -j_s+Q9;})}^{(n_{ik}+j_i^{sa-k_2})} \sum_{(n_s^{k_3+Q8; -j_s+Q9;})}^{(n_{ik}+j_i^{sa-k_2})}$$

$$\frac{(n_{is} - 1)!}{(j_s + 2)! \cdot (n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - 1 - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s + 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!}$$

$$\frac{(n_{sa} - n_s - \mathbb{k}_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - \mathbb{k}_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+l_k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s-Q23;+1)} \sum_{(n_{ik}=n_{is}-j_{ik}-l_{k1})}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa})}^{(\cdot)} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_s - j_i - n - Q31 - j_{sa}^s)!}{(n_s - j_i - n - Q31 - j_{sa}^s)! \cdot (l_s - j_s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$((D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - l_k + 1 > l_s \wedge l_s + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa})) \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & f_{z,C1;S}^{A1;S^B1; j_{ik}, j_{sa}, j_i, D1; } = Q00; \left(\sum_{k=1}^{j_{ik}-j_{sa}^{ik}+1} \sum_{i=2}^{j_{ik}-j_{sa}^{ik}+1} \right) \\
 & \sum_{j_{ik}=i_{ik}+n}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{i_{sa}=D}^{(I_s+D)} \sum_{j_{sa}=j_{sa}^s-j_{sa}}^{(I_s+D)} \\
 & Q6: \sum_{n_i=Q7}^{(n_i+1)} \sum_{n_{is}=n+k+Q8;-j_{sa}^s+Q9}^{n_{is}+j_{sa}^s} \sum_{n_{ik}=n+k_3+Q8;-j_{ik}+Q9}^{n_{ik}+j_{sa}^s-j_i-k_3} \\
 & \sum_{n_{sa}=n+k_3+Q8;-j_i+Q9}^{(n_{ik}+j_{ik}-j_{sa}^s)} \sum_{n_{sa}+j_{sa}^s-j_i-k_3}^{(n_{sa}+j_{sa}^s-j_i-k_3)} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa}^s - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa}^s - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa}^s - 1)! \cdot (n_{sa} + j_{sa}^s - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!} \\
 & \frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}
 \end{aligned}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=l_s+j_{sa}-1-j_{sa}^{ik}+1)}^{(l_{ik}+j_{sa}-1-j_{sa}^{ik}+1)}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_{ik}+Q9)}^{Q6; (n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q5; j_{sa}+Q9; n+Q8; -j_i+Q9)}^{(n_{sa}+j_{ik}-j_{sa}^{ik})}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

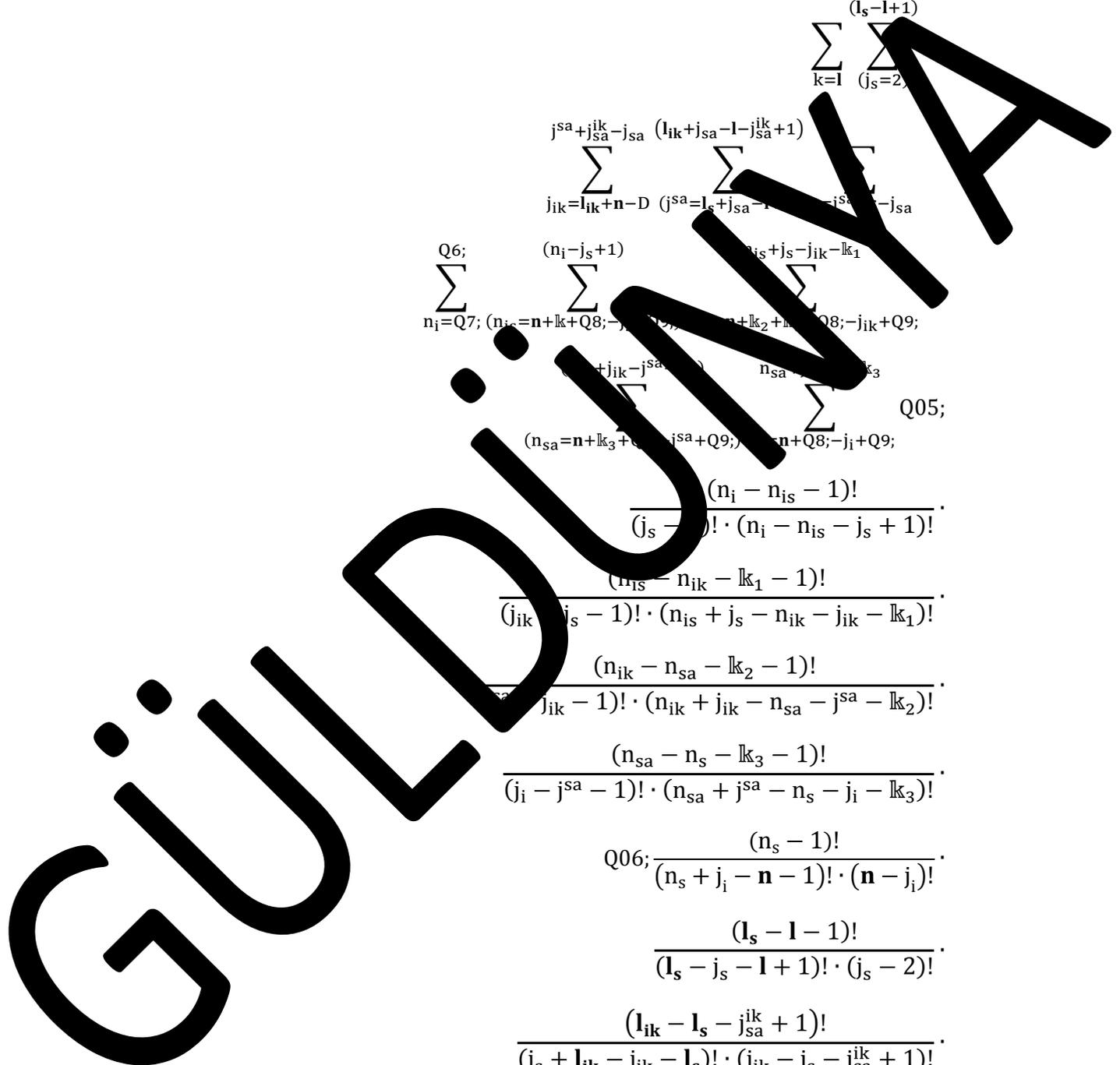
$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)}$$

$$\sum_{j_{ik}=I_{ik}+n-D}^{I_{ik}-1+1} \sum_{(j^{sa}=I_{ik}+j_{sa}-1-j_{sa}^{ik}+2)}^{(I_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=n+k_2+k_3+Q4;-j_{ik}+Q9;}^{Q6; (n_i-j_s+1) \quad n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_{ik}-k_3)}^{(n_{is}+j_s-j_{ik}-k_1)} \quad Q05;$$

$$\frac{(n_i - n_s - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\left. \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} \right) Q02;$$

$$Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right)$$

$$\begin{aligned}
 & \sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-1+1} \\
 & \sum_{n_i=Q_7; (n_{is}=n+k+Q_8; -j_s+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q_8; -j_s+Q_9}^{n_{sa}+j^{sa}-j_i-k_3} \\
 & \frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!} \cdot \\
 & \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-2)! \cdot (j_s-k_1-j_{ik}-k_1)!} \cdot \\
 & \frac{(n_{ik}-n_{ik}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+1-n_{sa}-j^{sa}-k_2)!} \cdot \\
 & \frac{(n_{sa}-n_s-k_3-1)!}{(j_i+j^{sa}-1)! \cdot (n_i+j^{sa}-n_s-j_i-k_3)!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \\
 & \frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}
 \end{aligned}$$

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$$\sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-1)}^{(l_s+j_{sa}-1)} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-1+1}$$

$$\sum_{n_i=Q_7}^{Q_6} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-j_i-k_3)}^{n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-2)! \cdot (j_s-k_1-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+1-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_{sa}+j_{sa}-1)! \cdot (n_s+j_{sa}-n_s-j_i-k_3)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\begin{aligned}
 & \sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{jk}-j_{sa}} \sum_{(j_{sa}=l_s+j_{sa}-l+1)}^{(l_{ik}+j_{sa}-l-j_{sa}^{jk}+1)} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-l+1} \\
 & \sum_{n_i=Q_7; (n_{is}=n+l_k+Q_8;-j_s+Q_9);}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_k_3+Q_8;-j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}} \\
 & \sum_{(n_{sa}=n+l_k_3+Q_8;-j_{sa}+Q_9);}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{(n_s=n+Q_8+l_k_3+Q_9)}^{n_{sa}+j_{sa}-j_i-l_{k_3}} \\
 & \frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!} \cdot \\
 & \frac{(n_s-n_{ik}-l_{k_1}-1)!}{(j_{ik}-j_s-2)! \cdot (n_s-n_{ik}-l_{k_1}-j_{ik}-l_{k_1})!} \cdot \\
 & \frac{(n_{ik}-n_{ik}-l_{k_2}-1)!}{(j_{sa}-j_{ik}-2)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-l_{k_2})!} \cdot \\
 & \frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_i-j_{sa}-1)! \cdot (n_s+j_{sa}-n_s-j_i-l_{k_3})!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{jk}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{jk}+1)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{jk}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{jk}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=1}^{(l_s-l+1)} \sum_{(j_s=2)}
 \end{aligned}$$

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$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j_{sa}=l_{ik}+j_{sa}-1-j_{sa}^{ik}+2)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{n_s=n+Q8;-j_s+Q9}^{n_{sa}+j_{sa}-j_i-l_{k_3}}$$

$$\frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_s-n_{ik}-l_{k_1}-1)!}{(j_{ik}-j_s-2)! \cdot (n_s-n_{is}-j_{ik}-l_{k_1})!}$$

$$\frac{(n_{ik}-n_{is}-l_{k_2}-1)!}{(j_{sa}-j_{ik}-2)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-l_{k_2})!}$$

$$\frac{(n_{sa}-n_s-l_{k_3}-1)!}{(j_i-j_{sa}-1)! \cdot (n_s+j_{sa}-n_s-j_i-l_{k_3})!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Big) Q04;$$

$$Q000; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-1)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j_s-j_{ik}}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

$$\frac{(j_s - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$$\left((D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge D + l_s + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_{ik} - k + 1 > l_s \wedge j_s + j_{sa}^{ik} - j_{sa} > l_s \wedge j_{sa} - s > l_{sa} \wedge D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \vee (D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge D + l_s + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_s - s + 1 > l_s \wedge D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \right) \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$f_{z,C1;S}^{A1;S^{B1};} \Rightarrow \sum_{j_s} j_{ik} j^{sa} j_i D1; = Q00; \left(\sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)} \right)$$

$$\sum_{j_{ik}=I_{ik}-1+1}^{I_{ik}-1+1} \sum_{(j^{sa}=I_1+n+j_{sa}-D-s)}^{(I_{sa}-1+1)} \sum_{j_i=I_1+n-j_{sa}}^{I_1+n-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{i_s}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=k_2+k_3+Q8;-j_{ik}+Q9;}$$

$$(n_{ik}+j_i-j_{sa}-k_2) \sum_{j_i=I_1+n-j_{sa}-k_3}^{I_1+n-j_{sa}-k_3} j_i^{sa-j_i-k_3}$$

$$\frac{(n_{i_s}-n-k_1-1)!}{(j_s-2)! \cdot (n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{i_s}+j_s-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{i_s}-n-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{i_s}+j_s-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{i_s}-n-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{i_s}+j_s-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{i_s}-n-k_1-1)!}{(j_{i_s}-j^{sa}-1)! \cdot (n_{i_s}+j_{i_s}-n_{sa}-j^{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-k_3)!}$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(I_s-1-1)!}{(I_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(I_{ik}-I_s-j_{sa}^{ik}+1)!}{(j_s+I_{ik}-j_{ik}-I_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(I_{sa}+j_{sa}^{ik}-I_{ik}-j_{sa})!}{(j_{ik}+I_{sa}-j^{sa}-I_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-I_i)!}{(D+j_i-n-I_i)! \cdot (n-j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-n_{ik}-j_{ik}-k_3)}^{(j^{sa}-j_{ik}-k_3)} Q05;$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{ik} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)}$$

$$\sum_{j_{ik}=I_{ik}-1+1}^{I_{ik}-1+1} \sum_{(j^{sa}=I_i+n+j_{sa}-D-s)}^{(I_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{I_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=n+k_2+k_3+Q5;-j_{ik}+Q9;}^{Q6; (n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}^{(n_i-j_s+1)} \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9); n_s=n+Q8;-j_i+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(j^{sa}-j_{sa}-k_3)}^{(n_{sa}+j_s-j_{ik}-k_1)}$$

$$\frac{(n_i - j_s - 1)!}{(j_s - 2)! \cdot (n_i - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{sa} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \cdot \frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(I_i + j_{sa} - I_{sa} - s)!}{(j^{sa} + I_i - j_i - I_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left. \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{ik}}^{(l_s+j_{sa}-1)}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}-j_{ik}-k_1}^{(n_i-j_s-Q23;+1)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa})}^{(\cdot)} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}^{(\cdot)}$$

$$\frac{(n_s - j_i - n - Q3; - j_{sa}^s)!}{(n_s - j_i - n - Q3; - j_{sa}^s)! \cdot (l_s - j_s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s = l - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_{ik} - j_{sa}^{ik} + j_s + j_{sa}^{ik} - 1 = j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_i = j_i + j_{sa} = j^{sa} + j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i + s - l_i \leq l_i \leq D + l_i + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q$$

$$j_{sa} < j_{sa}^i \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; j_{sa}^i, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}-j_{ik}-n_{sa}-j^{sa}-k_2)}^{(n_{sa}-j_{ik}-n_{sa}-j^{sa}-k_2)} Q05;$$

$$\frac{(n_s - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s - 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=n+l_k+l_{k_3}+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - l_{k_1} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - l_{k_1})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - l_{k_3})!}$$

$$Q000; \frac{(n_s - 1)!}{(n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(D - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}$$

$$\sum_{j_{i_k}=l_i+n+j_{s_a}^{i_k}-D-s}^{l_{i_k}-1+1} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})}^{()} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})}^{()} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s \leq l_{sa}$$

$$D + s - n < l_i \leq D + l_{sa} + s - n \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1$$

$$s: \{Q3; , j_{sa}^s, \dots, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}^{ik}, \dots, l_{k_3}, j_{sa}^{ik}, \dots, Q4; j_{sa}^{ik}\}$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_{k_z} = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$\sum_{C1; S \Rightarrow j_s}^{A1; B1; j_{ik} j_{sa}^{sa} j_i, D1; } = Q00; \left(\sum_{k=1}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_i + n + j_{sa}^{ik} - D - s - 1} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)}^{(l_{sa} - l + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; (n_{is} = n + l_{k_1} + Q8; -j_s + Q9;)}^{Q6; (n_i - j_s + 1)} \sum_{n_{ik} = n + l_{k_2} + l_{k_3} + Q8; -j_{ik} + Q9;}^{n_{is} + j_s - j_{ik} - l_{k_1}}$$

$$\sum_{(n_{sa} = n + l_{k_3} + Q8; -j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - l_{k_2})} \sum_{n_s = n + Q8; -j_i + Q9;}^{n_{sa} + j^{sa} - j_i - l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - 1)!}{(l_s + j_i - l + 1)! \cdot (l - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

$$\frac{(D + j_i - n - l_i)! \cdot (n - j_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_{ik}-1+1}^{l_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

Q6; $\sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{(n_{is}+j_s-j_{ik}-k_1)}$

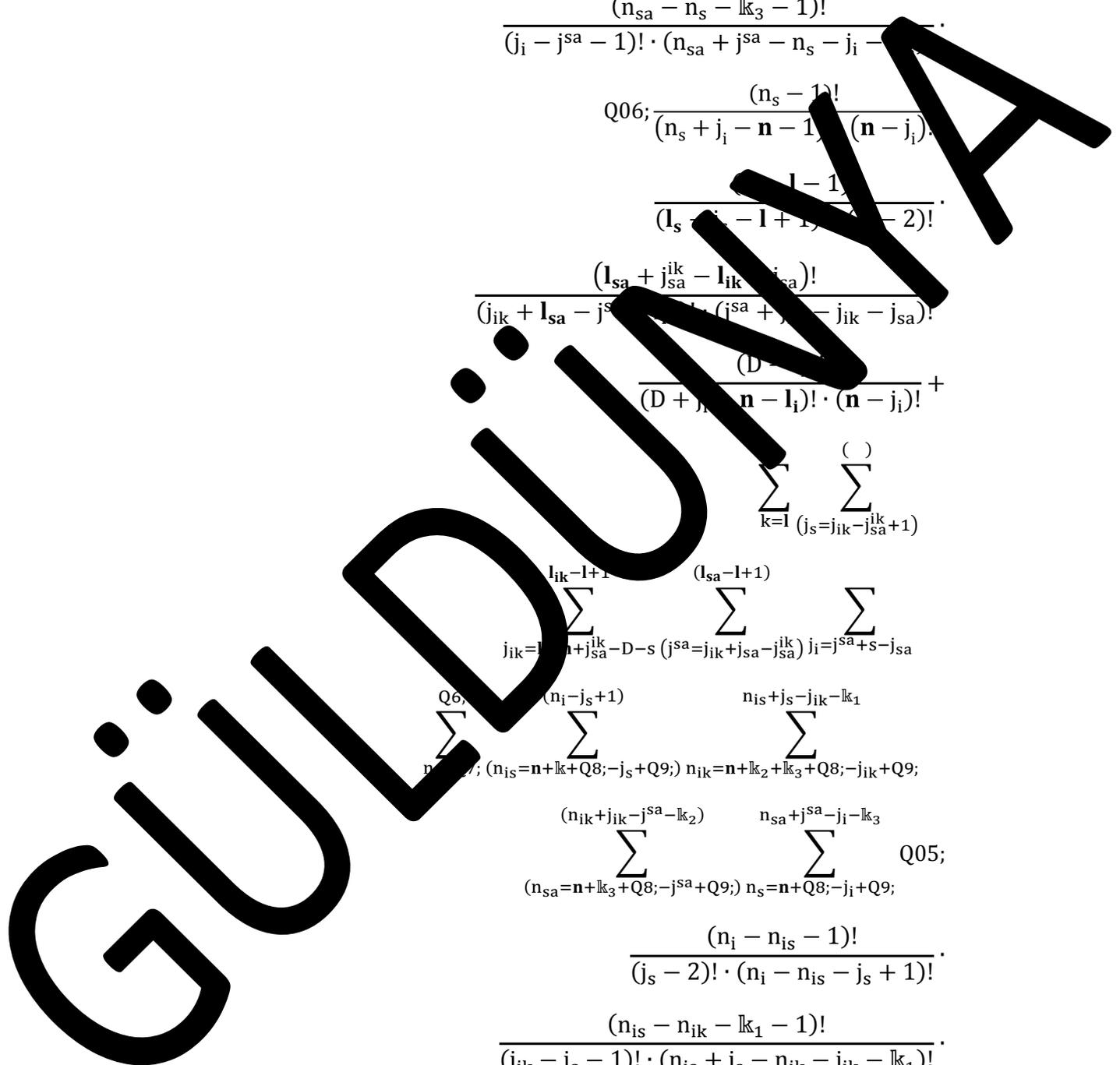
Q05; $\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_{sa}+j^{sa}-j_i-k_3)}$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q0; \left(\sum_{k=1}^{j_s} \sum_{j_s=j_{ik}-j_{sa}^{ik}} \dots \right)$$

$$l_i + n + j_{sa}^{ik} - D, \dots, -s-1, \dots, +s-1-j_{sa}+1$$

$$Q6; \sum_{j_{ik}=1}^{(n_i-j_s+1)} \sum_{j_s=j_{ik}-k_1}^{(j_s-j_{ik}-k_1)} \dots$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+...)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{(j_s=j_{sa}^{ik}+2)}^{(l_i+1)}$$

$$\sum_{n_i=Q7; (n_i=n+k+Q8; -j_i=Q9)}^{Q6; (n_i-j_s+1)} \sum_{(j_s+j_s-j_{ik}-k_1)}^{(n_i-j_s+1)} \sum_{(n_{sa}+k_2+k_3+Q8; -j_{ik}+Q9)}$$

$$\sum_{(n_{sa}=n+k_3+Q8; j^{sa}+Q9)}^{(n_{sa}+k_3)} \sum_{(n+Q8; -j_i+Q9)}^{(n_{sa}+k_3)} \sum_{(n_{sa}+k_3)}^{(n_{sa}+k_3)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

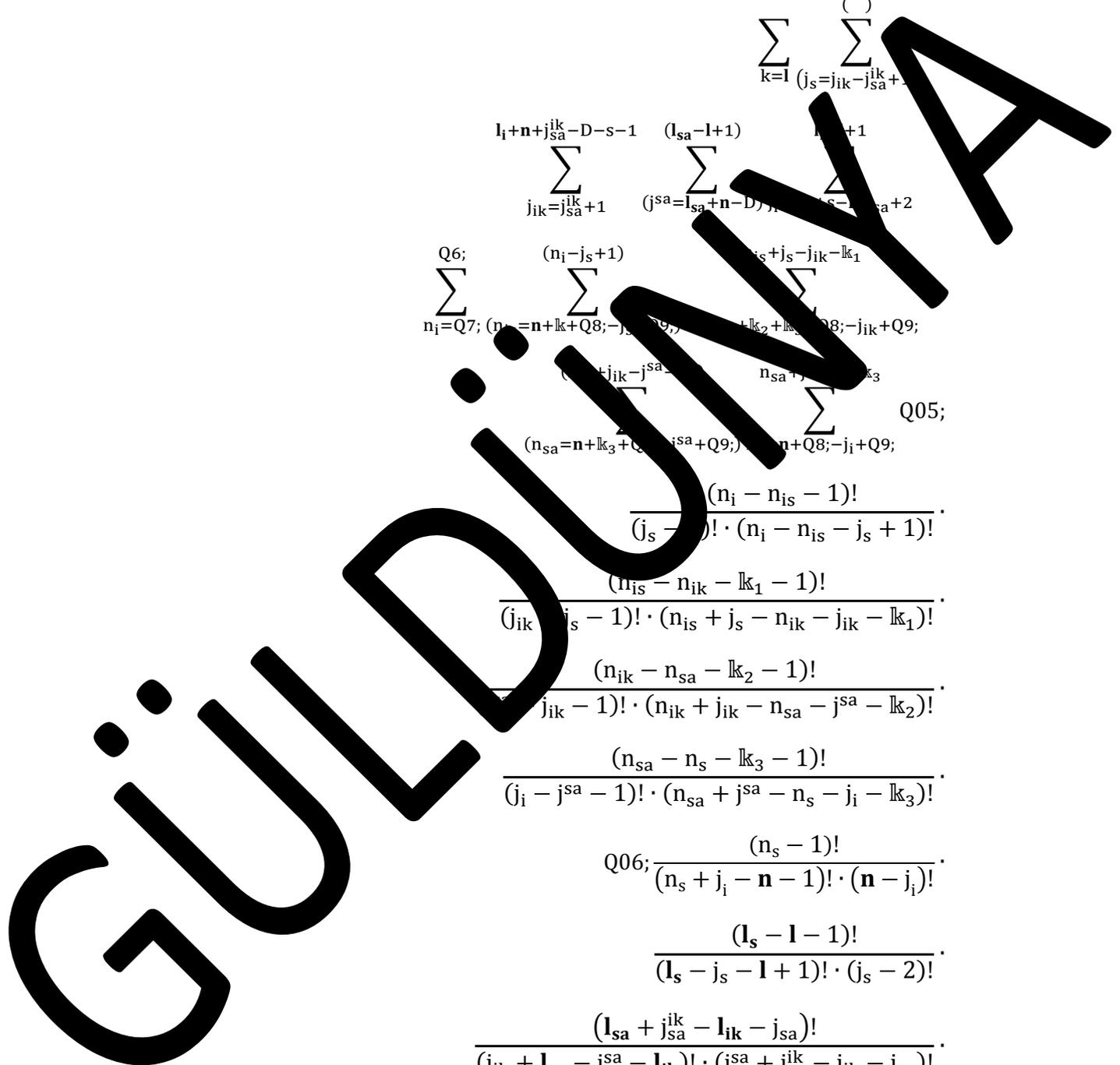
$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}^{ik}}^{l_i-l+1}$$

$$\sum_{n_i=Q_7; (n_{is}=n+k+Q_8; -j_s+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_i-j_s+1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_s+n+Q_8; -j_i+Q_9)}^{(n_{sa}-j_{sa}-k_3)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_s + j_i + 1)!}$$

$$\frac{(n_s - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{is} - j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!} \cdot \frac{(n_s - 1 - 1)!}{(n_s - 1 - 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q044;$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l_i + D + l_{sa} - n - l_i - j_{sa} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa} + j_{sa} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{ik} + 1 = l_s + j_{sa}^{ik} - j_{sa} > l_i \wedge j_{sa} - s > l_{sa} \wedge$

$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$

$D > n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa} - 1 \wedge$

$s: \{Q3; j_{sa}^s, \dots, j_{sa}^{ik}, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \leq 7 \wedge s \leq s + Q5; \wedge$

$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$$A1; S^{B1}; f_z, C1; S \Rightarrow j_s \cdot j_{ik} \cdot j_{sa} \cdot j_i \cdot D1; = Q00; \left(\sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{I_{ik}-I+1} \sum_{(j^{sa}=I_i+n+j_{sa}-D-s)}^{(I_{sa}-I+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8+Q9}^{n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (j_s - k_1 - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - 1 - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + 1 - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} \Big) Q02;$$

$$Q00; \left(\sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{I_{ik}-I+1} \sum_{(j^{sa}=I_{sa}+n-D)}^{(I_i+n+j_{sa}-D-s-1)} \sum_{j_i=I_i+n-D}^{I_i-I+1}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

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$$\sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q_8; -j_i+Q_9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n - k_3 - 1)!}$$

$$\frac{(n_s - 1)!}{(n_s + 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_s - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(j_i + j_s - l_{sa} - s)!}{(j_i + l_i - j_i - l_{sa})! \cdot (j_i + j_s - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q_7; (n_{is}=n+k+Q_8; -j_s+Q_9;)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q_8; -j_i+Q_9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + j_i - n - j_s - 1)!}{(n_s + j_i - n - j_s - 1)!}$$

$$\frac{(l_s - l - 1)!}{(j_s - l - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (n_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(n_s + j_{sa} - l_{sa} - s)!}{(n_s + l_i - j_i - s)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge \text{Q2; } \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; , j_{sa}^i\}$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$B1; fz, C, j_s, j_{ik}, j_{sa}^{ik}, j_{sa}^i, j_{sa}^s, j_{sa} = Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$l_i+n+...-D-s-1 \quad (l_i+j_{sa}^i-s+1) \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{(j^{sa}=l_i+n+j_{sa}^i-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9); n_s=n+Q8;-j_i+Q9;} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_i-k_3} \text{ Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}$$

$$\frac{(D - j_i - l_i)!}{(D + j_i - l_i)! \cdot (l_i - j_i)!} \quad Q02;$$

$$Q00; \sum_{j_i=0}^{l_i} \sum_{j_{sa}=0}^{l_{sa}} \binom{l_i + j_{sa}^{ik} - D - s}{j_i + j_{sa}^{ik} - D - s} \binom{l_i + j_{sa}^{ik} - D - s}{j_i + j_{sa}^{ik} - D - s} \binom{l_i + j_{sa}^{ik} - D - s}{j_i + j_{sa}^{ik} - D - s}$$

$$\sum_{j_i=0}^{l_i + j_{sa}^{ik} - D - s} \sum_{j_{sa}=0}^{l_{sa} - j_i - j_{sa}^{ik} + 1} \binom{l_i + j_{sa}^{ik} - D - s}{j_i + j_{sa}^{ik} - D - s} \binom{l_i + j_{sa}^{ik} - D - s}{j_i + j_{sa}^{ik} - D - s} \binom{l_i + j_{sa}^{ik} - D - s}{j_i + j_{sa}^{ik} - D - s}$$

$$\sum_{j_i=0}^{l_i + j_{sa}^{ik} - D - s} \sum_{j_{sa}=0}^{l_{sa} - j_i - j_{sa}^{ik} + 1} \binom{l_i + j_{sa}^{ik} - D - s}{j_i + j_{sa}^{ik} - D - s} \binom{l_i + j_{sa}^{ik} - D - s}{j_i + j_{sa}^{ik} - D - s} \binom{l_i + j_{sa}^{ik} - D - s}{j_i + j_{sa}^{ik} - D - s}$$

$$n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9); n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;$$

$$\sum_{j_{ik}=0}^{n_{ik}+j_{ik}-j^{sa}-k_2} \sum_{j_{sa}=0}^{n_{sa}+j^{sa}-j_i-k_3} \binom{n_{ik}+j_{ik}-j^{sa}-k_2}{j_{ik}} \binom{n_{sa}+j^{sa}-j_i-k_3}{j_{sa}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q04;}$$

$$\text{Q000; } \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j_s=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)}$$

$$\text{Q20; } \sum_{n_i=Q7-Q22; (n_{is}=n+Q8; j_s=j_{ik}-k_1)}^{(n_i-j_s-Q23;+1)} \sum_{(n_{sa}=n_{ik}-j_{sa}-k_2; n_{sa}+j_{sa}-j_i-k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(j_i - j_s - Q31; j_{sa})! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l_i \neq 1 \wedge l_s \leq n - 1 \wedge$$

$$2 \leq l_i \leq D + l_s + s - 1 - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa} - j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_{sa}^{ik} \leq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge \text{Q2;}$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & f_{z,C1;A1;S^{B1};j_s,j_{ik},j^{sa},j_i,D1;} = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_s+s-j_{sa}} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n_{sa}+k_3+Q8;-j_{ik}}^{(n_i-j_s+1)} \sum_{n_s=n_{sa}-j_i-k_3}^{(n_{ik}+j_{sa}-j_i-k_3)} \\
 & \sum_{(n_{sa}=n_{sa}+Q8;-j_s+Q9);}^{(n_{ik}+j_{sa}-j_i-k_3)} \sum_{n_s=n_{sa}-j_i-k_3}^{(n_{ik}+j_{sa}-j_i-k_3)} Q05; \\
 & \frac{(n_{is}-1)!}{(j_s-2)! \cdot (n_{is}-j_s+1)!} \cdot \frac{(n_{is}-1-k_1-1)!}{(n_{is}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \\
 & \frac{(n_{sa}-n_s-k_3-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-k_3)!} \\
 & Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} Q02; \\
 & Q00; \sum_{k=1} \sum_{(j_s=2)}^{(l_s-1+1)}
 \end{aligned}$$

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$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-l-s+1}^{l_s+j_{sa}^{ik}-l-s+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k3}+Q8;-j_{ik}+}^{n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n+l_{k3}+Q8;-j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k2})} \sum_{n_s=n+Q8+Q9;}^{n_{sa}+j_{sa}-j_i-l_{k3}}$$

$$\frac{(n_i-1)!}{(j_s-2) \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_i-n_{ik}-l_{k1}-1)!}{(j_{ik}-j_s-1) \cdot (n_i-n_{ik}-j_{ik}-l_{k1})!}$$

$$\frac{(n_{ik}-n_{ik}-l_{k2}-1)!}{(j_{sa}-j_{ik}-1) \cdot (n_{ik}+n_{sa}-j_{sa}-l_{k2})!}$$

$$\frac{(n_{sa}-n_s-l_{k3}-1)!}{(j_i+j_{sa}-1)! \cdot (n_i+j_{sa}-n_s-j_i-l_{k3})!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k1}}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} (n_s + j_i - j_s - s - Q31;)! \\ \frac{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}{(l_s - l - 1)! \cdot (j_s - l + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} \cdot Q044$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s = l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4\} \wedge$$

$$s > 7 \wedge s = \dots + Q5; \wedge$$

$$k_z: z = 3 \wedge k = \dots + k_2 + \dots \Rightarrow$$

$$A1; B1; fz, C1; S \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_i+j_{sa}^{ik}-1-s+1} \sum_{()} \sum_{j_i=j^{sa}+s-j_{sa}} (j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_{is} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_{is} - l_{k_3})!}$$

$$\frac{(n_{is} - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

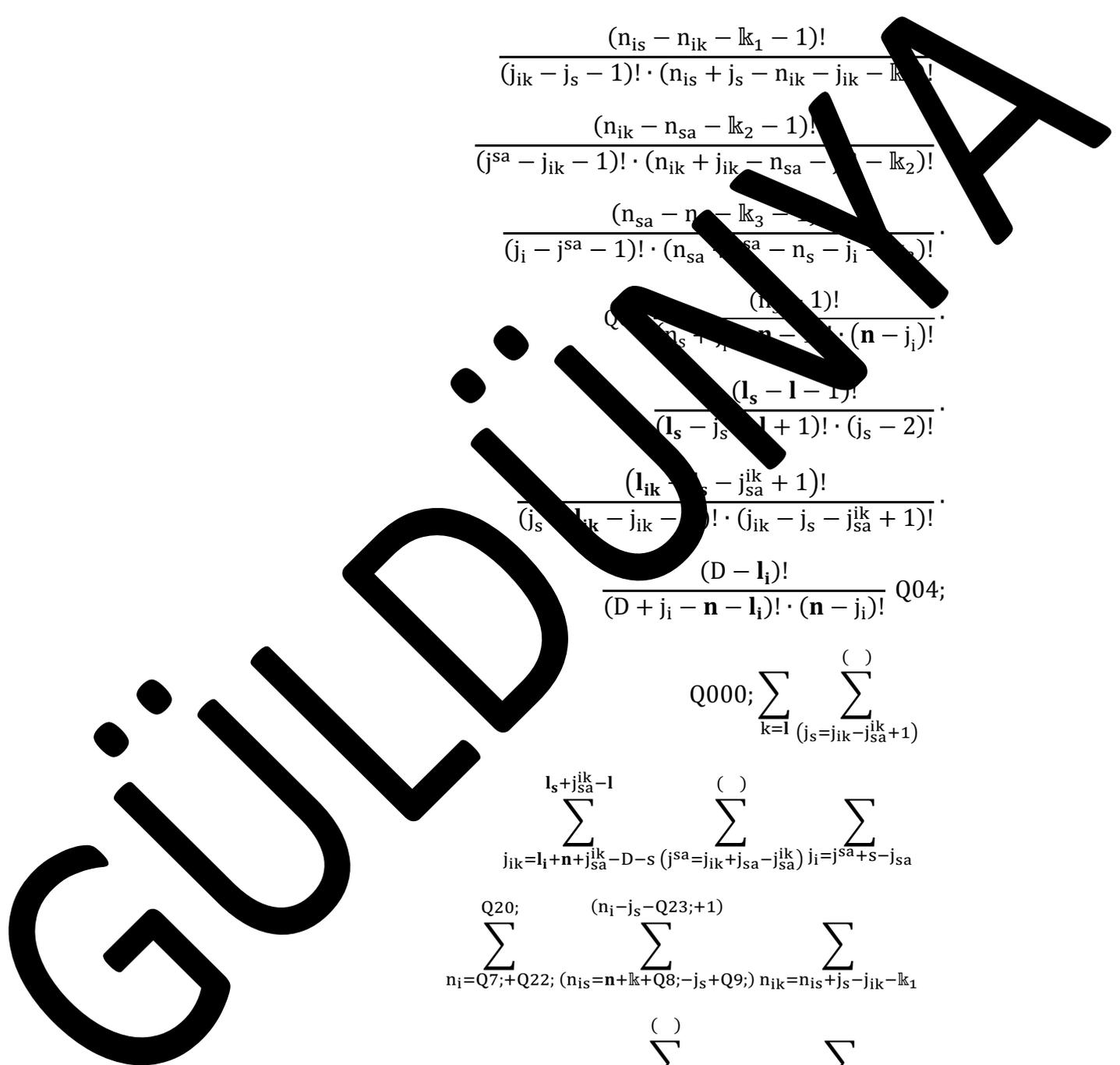
$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+l_{k_3}+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_{k_3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3\} \text{ Q4; } \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 \wedge k_3 \Rightarrow$$

$$\sum_{z=C1; S \Rightarrow}^{A1; S B1} \sum_{i,k,j^{sa}, j_i, D1; } = Q00; \left(\sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \text{ Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - 1)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(n - l_i)!}{(n - j_i - 1)! \cdot (n - j_i)!}$$

$$\sum_{s=1}^n \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_i=1}^{l_s+j_{sa}^{ik}-1} \sum_{j_{sa}=1}^{l_{sa}-l+1} \sum_{j_i=j_{ik}+j_{sa}-j_{sa}^{ik}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=1}^{(n_{is}-n_{ik}+Q8;-j_s+Q9)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\frac{\sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_i-k_3}}{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9); n_s=n+Q8;-j_i+Q9} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j_{sa} - I_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!}$$

$$Q00; \left(\sum_{k=1}^{()} \sum_{(j_s=j_i)}^{()} j_{sa}^{ik+1} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{I_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j_{sa}=I_{sa}+n-)} \sum_{j_i=I_i+n-D}^{I_{sa}+1}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8; -)}^{(n - j_s + 1)} \sum_{n_{ik}=k_2+k_3+Q8; -j_{ik}+Q9;}$$

$$\sum_{(n_{sa}=k_2+Q8; -)}^{(n_{ik}+j_{ik}-j_{sa}^{ik})} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j_{sa}^{ik}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j_{sa} - I_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(I_i + j_{sa} - I_{sa} - s)!}{(j_{sa} + I_i - j_i - I_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j_{sa}^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}-l-j_{sa}+2}^{l_i-l+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}+k_2+k_3+Q8; -j_s+Q9;)}^{(n_{is}+j_s-j_{ik})}$$

$$\frac{(n_{ik}+j_{ik}-j_{sa}^{sa}-k_2) \cdot (j_{sa}^{sa}-j_i-k_3)}{(n_{sa}+k_3+Q8; -j_s+Q9;)} \cdot \dots$$

$$\frac{(n_{is}-1)!}{(n_{is}-2)! \cdot (n_{is}-j_s+1)!}$$

$$\frac{(n_{is}-k_1-1)!}{(j_{ik}-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}^{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}^{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_{sa}^{sa}-1)! \cdot (n_{sa}+j_{sa}^{sa}-n_s-j_i-k_3)!}$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}^{sa}-l_{ik})! \cdot (j_{sa}^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}^{sa}-s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q9; j_{ik}+Q9;}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}-j_{sa}-k_3)}^{(n_{sa}-j_{sa}-k_3)} \quad Q05;$$

$$\frac{(n_{is}-n_{ik}-k_1-1)!}{(j_s-2)! \cdot (n_{is}+j_s+1)!}$$

$$\frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(n_{sa}-j_{ik}-1)! \cdot (n_{sa}-j_{ik}-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i-j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!}$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!}$$

$$\left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-1}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)}^{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - n - Q31; -j_{sa} - 1) \cdot (n + j_{sa} - s)!}$$

$$\frac{(l_s - 1)!}{(l_s - 1 + Q4) \cdot (j_s - 2)!}$$

$$\frac{(Q - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$
 $2 \leq l \leq D + l_s + s - n - l_i \wedge$
 $1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa} + j_{sa} - j_{sa} \wedge$
 $j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$
 $l_{ik} - j_{ik} + 1 > l_s \wedge j_{sa}^{ik} + j_{sa} - j_{sa} = l_s \wedge j_{sa} - s > l_{sa} \wedge$
 $l_s - n < D + l_s + s - n - j_{sa} \wedge$
 $D \geq n < n \wedge Q2; \wedge$
 $j_{sa} < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$
 $s: \{Q3; j_{sa}, \dots, j_{sa}^{ik}, k_2, j_{sa}, \dots, k_3, j_{sa}, Q4; \} \wedge$
 $s \leq 7 \wedge s \leq s + Q5; \wedge$
 $k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$$A1; S B1; f_z, C1; \Rightarrow_{j_s} j_{ik} j^{sa} j_i, D1; = Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_6}^{Q_6; (n_i-j_s+1)} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_s=n+Q_8; -j_s+Q_9)}^{n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_i-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i-j_{sa}-1)! \cdot (n_i+j_{sa}-n_s-j_i-k_3)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_7}^{Q_6; (n_i-j_s+1)} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-k_1}$$

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$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_{ik}-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - k_2)!} \cdot \frac{(n_{sa} - n_{is} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_{is} - j_i - k_3)!} \cdot \frac{(n_{is} - 1)!}{(n_{is} + j_s - n_{is} - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_i+n-D}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_{ik}-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

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$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l_i - 1)!}{(l_s - l_i - 1 + 1)! \cdot (l_i - 1)!}$$

$$\frac{(l_{ik} - l_s - j_{sa} + 1)!}{(j_s + l_{ik} - l_s - j_{sa} + 1)! \cdot (j_{ik} - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i - l_{sa} - 1)!}{(j^{sa} + l_i - j_i - l_{sa} - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(l_i - l_j)!}{(D - l_i - n - l_j)! \cdot (n - j_j)!} +$$

$$\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s - l_{sa} - 1} \sum_{(j_s)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-1+1}$$

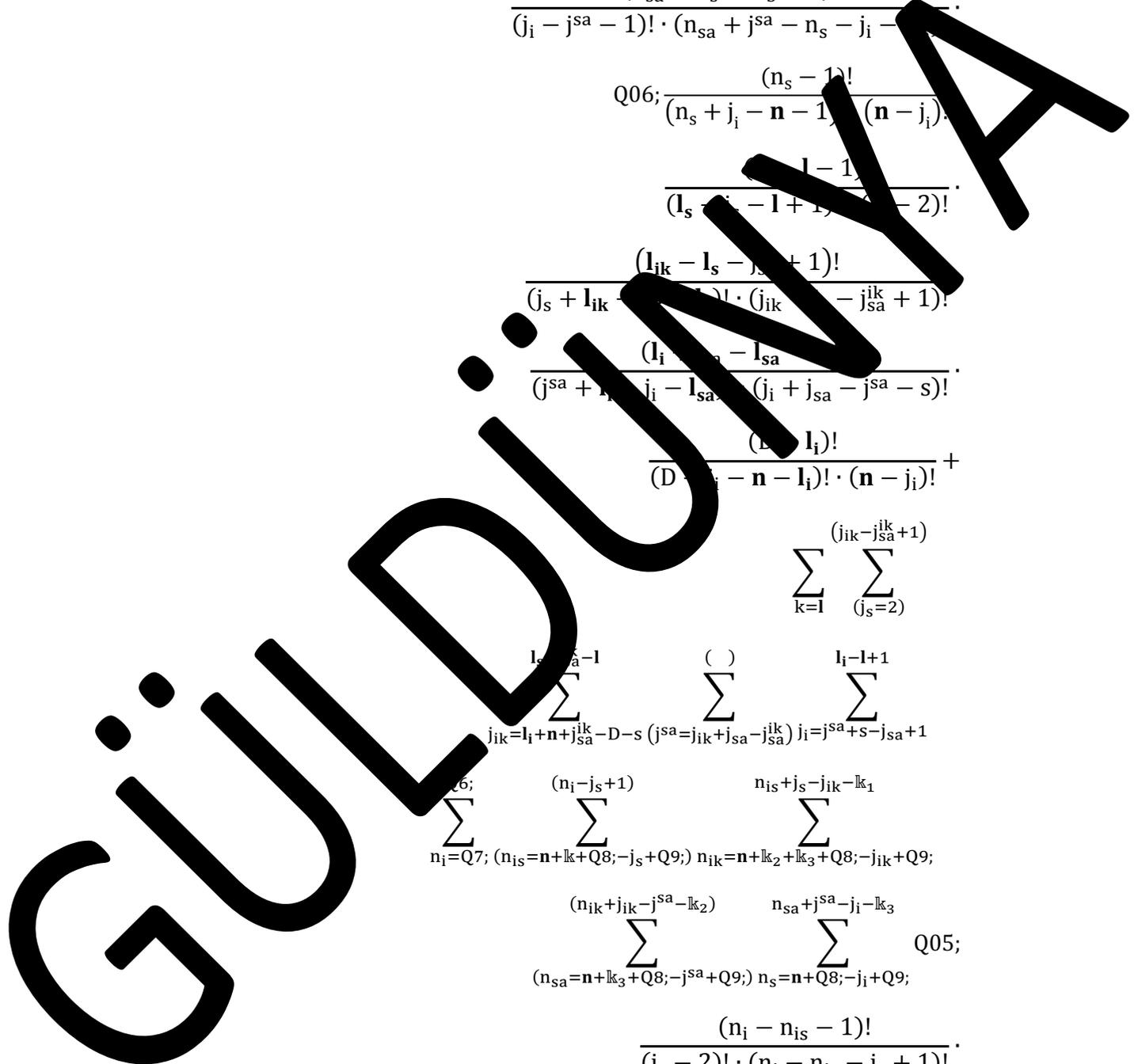
Q6; $\sum_{n_i=Q7}^{(n_i - j_s + 1)} \sum_{(n_{is}=n+k+Q8; -j_s+Q9)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$

Q05; $\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9}^{n_{sa}+j^{sa}-j_i-k_3}$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$



$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - s)!}$$

$$\frac{(l_i - 1)!}{(j_i - n - 1)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{l_i-1+1} \sum_{(j_s=2)}$$

$$\sum_{l_{ik}-1+1}^{l_i-1+1} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-1+1}$$

$$Q6; \sum_{n_i=n+l_k+Q8;-j_s+Q9;}^{j_i-j_s+1} \sum_{n_{is}=n+l_k+l_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+l_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_i-k_3}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q0; \sum_{k=1}^n \sum_{(j_s=j_{ik}-j_{sa}^{ik})}$$

$$l_s + j_{sa}^{ik} - 1 \leq l \leq D - s + (j^{sa} + j_{sa} - j_{sa}^{ik}) - j_i - j_s + j_{sa}$$

$$Q0; (n_i - j_{sa}^{ik} + 1) \sum_{(j_s=n+l_k+Q8; j_i=n+l_k+Q9; n_{ik}=n_{is}+j_s-j_{ik}-l_{k1})}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{ik}-l_{k2})} \sum_{(n_s=n_{sa}+j_{sa}^{ik}-j_i-l_{k3})}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s - j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D - n + 1 \leq l \leq D - n + 1 \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 - j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$D \geq n < n \wedge Q2; \wedge$

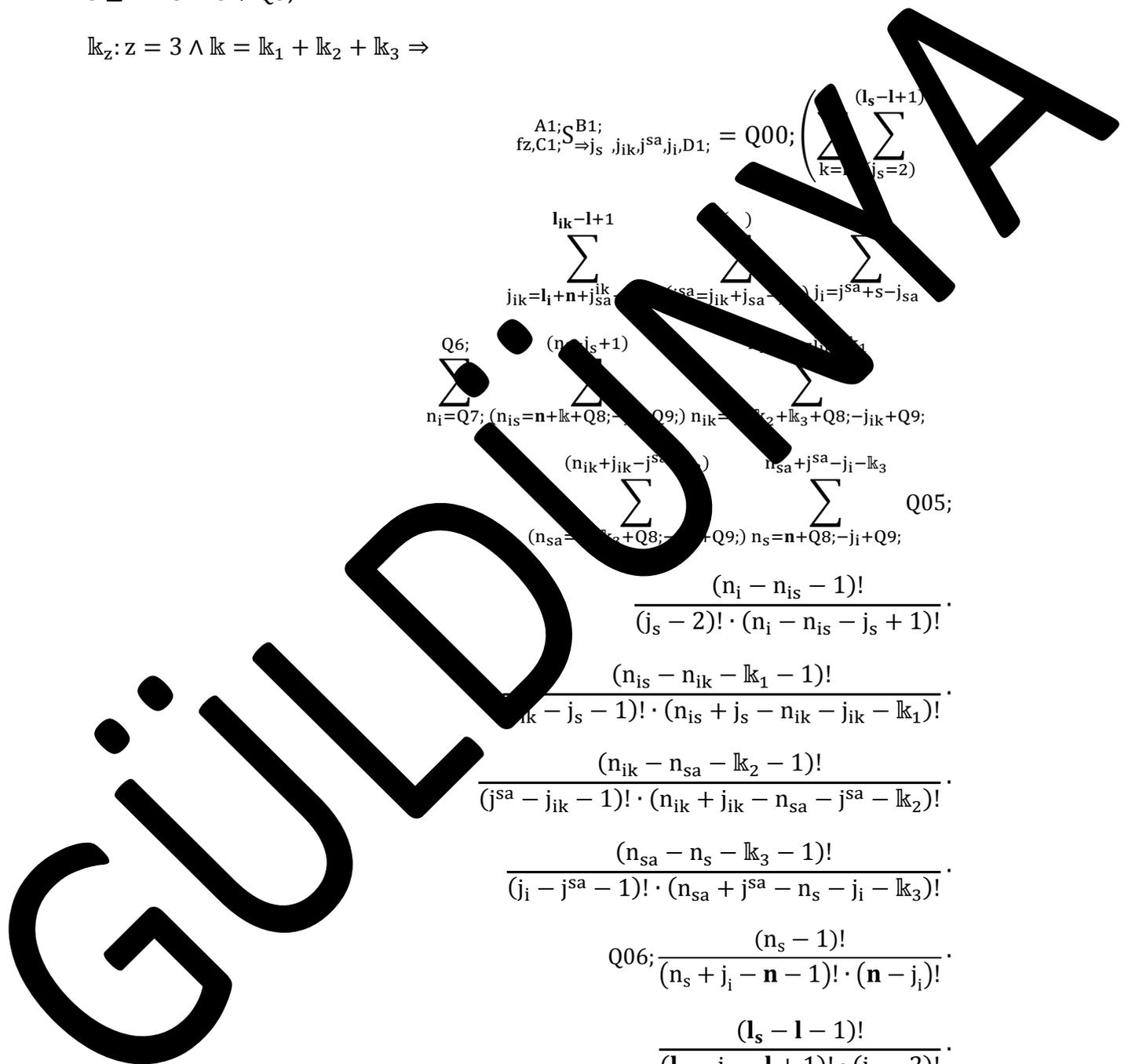
$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \geq 7 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$$\begin{aligned} & \left(\sum_{k=1}^{(I_s-1+1)} \sum_{j_s=2}^{(I_s-1+1)} \right) = Q00; \\ & \sum_{j_{ik}=I_i+n+j_{sa}^{ik}}^{I_{ik}-1+1} \sum_{j_i=j_{sa}^s+j_s-j_{sa}}^{(I_s-1+1)} \\ & \sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_i+Q9); n_{ik}=k_2+k_3+Q8; -j_{ik}+Q9; }^{Q6; (n_{is}+1)} \sum_{(n_{sa}=k_2+Q8; -j_i+Q9); n_s=n+Q8; -j_i+Q9; }^{(n_{ik}+j_{ik}-j_{sa}^s)} \sum_{n_{sa}+j_{sa}-j_i-k_3}^{(I_s-1+1)} Q05; \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \cdot \frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} \Big) Q02; \end{aligned}$$



$$Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \binom{(\quad)}{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_i+n}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}-j_i+Q9)}^{(j^{sa}-j_i+Q9)} Q05;$$

$$\frac{(n_s - n_{is} - 1)!}{(j_s - 2)! \cdot (n_s + j_s - 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)}$$

GÜLDÜZMAYA

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{()}^{()} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j^{sa}+Q9;)}^{n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_s - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 2)! \cdot (j_s - n_{is} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{is} - k_2 - 1)!}{(j^{sa} - j_{ik} - 2)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{()}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

GUIDANCE

$$\sum_{n_i=Q7; +Q22;}^{Q20;} \sum_{(n_{i_s}=\mathbf{n}+\mathbf{k}+Q8; -j_s+Q9;)}^{(n_i-j_s-Q23; +1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-\mathbf{k}_1} \sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-\mathbf{k}_2)}^{(\quad)} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-\mathbf{l}_s} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; -j_{s_a}^s)! \cdot (\mathbf{n} + j^{s_a} - j_s - s)!} \cdot \frac{(\mathbf{l}_s - 1 - j_{s_a}^s)!}{(\mathbf{l}_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - \mathbf{l}_i)!}{(D + j_i - \mathbf{n} - \mathbf{l}_i)!} \cdot \frac{Q44;}{(\mathbf{n} - j_i)!}$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge \mathbf{l} \neq j_i \wedge \mathbf{l}_s \leq D - \mathbf{n} + 1 \wedge$$

$$D + \mathbf{l}_{s_a} + s - \mathbf{n} - \mathbf{l}_i - j_{s_a} + 2 \leq \mathbf{l} \leq \mathbf{l} - 1 \wedge$$

$$1 \leq j_s \leq j_{i_k} - j_{s_a}^{i_k} + 1 \wedge j_s + j_{s_a}^{i_k} - 1 \leq j^{s_a} + j_{s_a}^{i_k} - j_i \wedge$$

$$j^{s_a} = j_i + j_{s_a} - s \wedge j^{s_a} + s - j_{s_a} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l}_{i_k} - j_{s_a}^{i_k} + 1 > \mathbf{l}_s \wedge \mathbf{l}_{s_a} + j_{s_a}^{i_k} - j_{s_a} = \mathbf{l}_{i_k} \wedge \mathbf{l}_s + j_{s_a} \leq \mathbf{l}_s \wedge$$

$$D + s - \mathbf{n} < \mathbf{l}_i \leq D + \mathbf{l}_{s_a} + s - \mathbf{n} - j_{s_a} \wedge$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge Q2,$$

$$j_{s_a} < j_{s_a}^{i_k} - 1 \wedge j_{s_a}^{i_k} < j_{s_a} - 1 \wedge j_{s_a}^s < j_{s_a}^{i_k} - 1 \wedge$$

$$s: \{Q3; , j_{s_a}^s, \dots, \mathbf{k}_1, \mathbf{k}_2, \dots, \mathbf{k}_3, j_{s_a}, Q4; \} \wedge$$

$$s \geq 7, \dots = s + Q5; \wedge$$

$$\mathbf{k}_z: z = 3 \wedge \mathbf{k}_z = \mathbf{k}_1 + \mathbf{k}_2 + \mathbf{k}_3 \Rightarrow$$

$$\overset{A1; S B1;}{fz, C1; \Rightarrow j_s, j_{i_k}, j^{s_a}, j_i, D1;} = Q00; \sum_{k=1}^{(\mathbf{l}_s - \mathbf{l} + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{i_k}=\mathbf{l}_{i_k}-\mathbf{l}+1}^{\mathbf{l}_{i_k}-\mathbf{l}+1} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})}^{(\quad)} \sum_{j_i=\mathbf{l}_i-\mathbf{l}+1}^{\mathbf{l}_i-\mathbf{l}+1}$$

$$\sum_{n_i=Q7; }^{Q6;} \sum_{(n_{i_s}=\mathbf{n}+\mathbf{k}+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{i_k}=\mathbf{n}+\mathbf{k}_2+\mathbf{k}_3+Q8; -j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-\mathbf{k}_1}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9;)} \sum_{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{sa}+j^{sa}-j_i-l_{k_3})} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_{sa} - 1)!}{(n_s + 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(j_i + j_{sa} - l_{sa} - s)!}{(j_i + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{(n_i=Q_7;+Q_{22};)} \sum_{(n_{is}=n+l_k+Q_8;-j_s+Q_9;)} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n_{sa}+j^{sa}-j_i-l_{k_3})}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n_{sa}+j^{sa}-j_i-l_{k_3})}$$

GÜLDENMYA

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} -$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^i, \dots, k_3, j_{sa}^s, \dots, k_4; \}$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 =$$

$$\sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{A1; S^{B1}; fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}^{ik}, j_i, D1; } = Q00;$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - 1)!}{(l_s + j_i - l + 1)! \cdot (l - 1)!}$$

$$\frac{(l_{ik} - l_s - j_s + 1)!}{(j_s + l_{ik} - l_s - j_s + 1)! \cdot (j_{ik} - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_s - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_s - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

Q02; $\frac{(D - 1)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q00; $\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

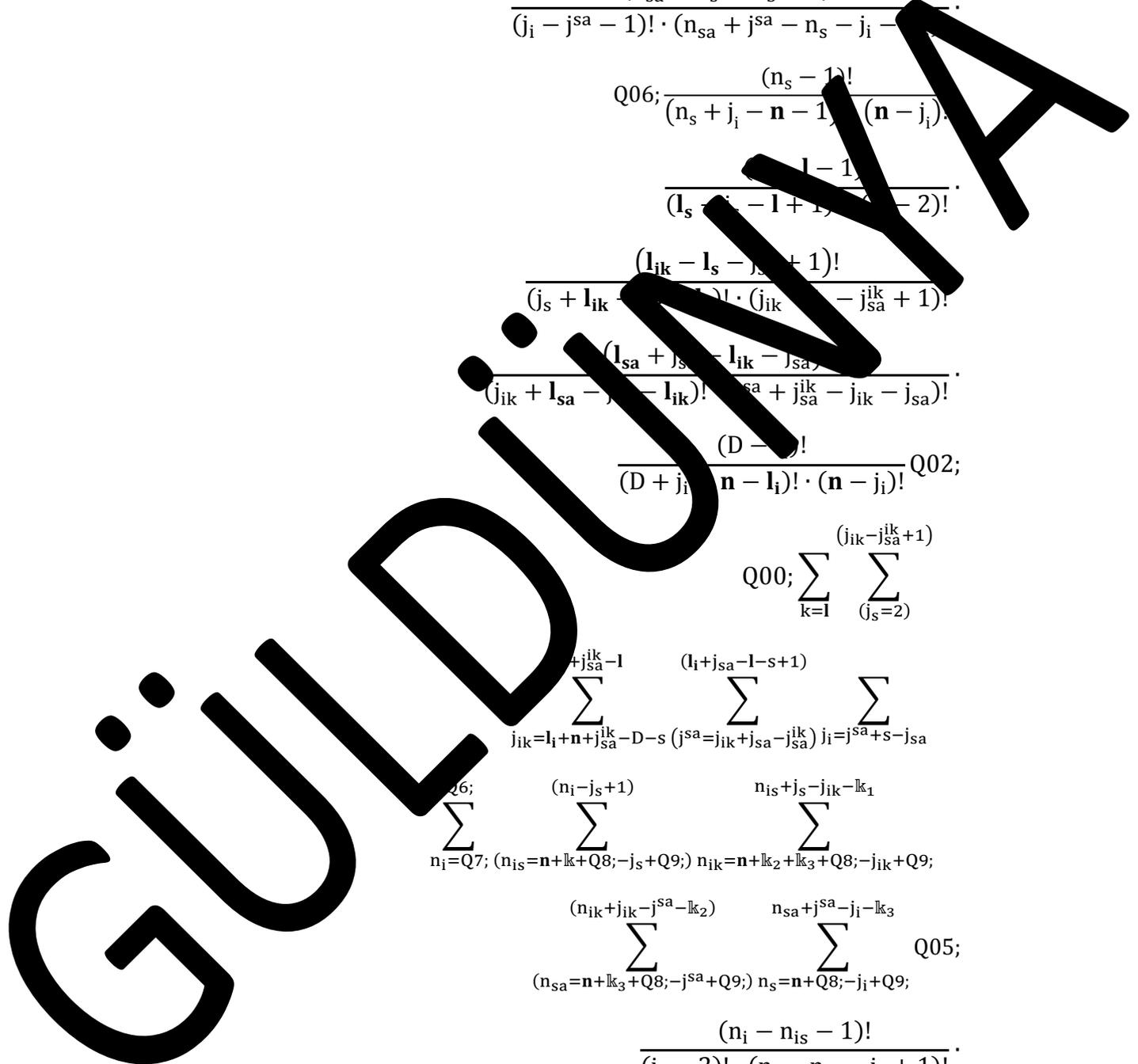
Q6; $\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;} \sum_{n_{is}+j_s-j_{ik}-k_1}$

Q05; $\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3}$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$



$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(D - 1)!}{(n - l_j) \cdot (n - j_i)!} Q00;$$

$$Q00; \sum_{k=1}^{l-1+1} \sum_{(j_s=2)}$$

$$\sum_{(j_{ik}=l_s+1)}^{l_{ik}-l+1} \sum_{(j_{sa}=l-s+1)}^{j_{sa}-l-s+1} \sum_{(j_i=j^{sa}+s-j_{sa})}^{j_i=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$Q6; \sum_{n_i=n+l_k+Q8;-j_s+Q9;}^{n_i=n+l_k+Q8;-j_s+Q9;} \sum_{n_{is}=n+l_k+l_3+Q8;-j_{ik}+Q9;}^{n_{is}=n+l_k+l_3+Q8;-j_{ik}+Q9;} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+l_k+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q0; \sum_{k=1}^{j_s} \sum_{j_s=j_{ik}-j_{sa}^{ik}}$$

$$\sum_{j_{ik}=l_i+n+1}^{l_s+j_{sa}^{ik}-1} \sum_{j_i=0}^{D-s} \sum_{j_{sa}=j_{sa}^{ik}-j_{ik}}^{j_{sa}^{ik}+j_{sa}-j_{ik}} (j_i)^{s-j_{sa}}$$

$$Q0; (n_i - j_{sa}^{ik} + 1) \sum_{j_{sa}=0}^{j_{sa}^{ik}-1} \sum_{j_i=0}^{D-s} \sum_{j_{sa}=j_{sa}^{ik}-j_{ik}}^{j_{sa}^{ik}+j_{sa}-j_{ik}} (j_i)^{s-j_{sa}}$$

$$Q7; Q2; n_i = n + k + Q8; Q9; n_{ik} = n_{is} + j_s - j_{ik} - k_1$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2} \sum_{n_s=n_{sa}+j_{sa}-j_i-k_3} (n_s + j_i - j_s - s - Q31;)!$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$(0 \leq l \leq n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{ik} + j_{sa} - j_{sa} \wedge$$

$$j_{sa}^{ik} = j_i + j_{sa} - s \wedge j_{sa}^{ik} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge l \neq j_l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa})) \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \dots Q00; \\
 & \sum_{j_{ik}=1}^{(I_{sa}-I+1)} \sum_{(j^{sa}=I_1+n+j_{sa}-D-s)}^{(I_{sa}-I+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(I_{sa}-I+1)} \dots \\
 & \sum_{(n_i-j_s+1)}^{Q6; (n_i-j_s+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_{is}+j_s-j_{ik}-k_1)} \dots \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_{sa}+j^{sa}-j_i-k_3)} \dots Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot
 \end{aligned}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} - l_{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(n - l)!}{(D + j_i - n - l)! \cdot (n - j_i)!}$$

$$\sum_{j=2}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_i=0}^{l_s + j_{sa}^{ik}} \sum_{j_{ik}=0}^{(j_s - l + 1)}$$

$$\sum_{j_{sa}=0}^{n + j_{sa}^{ik} - D - s} \sum_{j_{ik} + j_{sa} - j_{sa}^{ik}} \sum_{j_i = j_{sa} + s - j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n_{ik}+Q8; -j_s+Q9)} \sum_{n_{ik}=n+l_{k2}+l_{k3}+Q8; -j_{ik}+Q9}$$

$$\sum_{(n_{sa}=n+l_{k3}+Q8; -j_{sa}+Q9)} \sum_{n_{sa}=n+Q8; -j_i+Q9}$$

Q05;

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i - l_i)!}$$

$$\sum_{k=1}^{l_s-1} \sum_{s=2}^{l_s-1+1}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}}^{l_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa}^{ik})}^{(l_s-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s-1+1)}$$

Q6; $\sum_{n_i=Q7; (n_{is}=n+l_k+Q8, n_{ik}=n+l_k+Q9)}^{(n_i-j_s+1)}$ $\sum_{n_{ik}=l_k+l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9;}$ $\sum_{j_i=Q1}^{l_{k_1}}$

$$\sum_{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})}$$

$$\sum_{(n_{sa}=l_{k_3}+Q8; -j^{sa}-Q9)}^{(n_{sa}+j^{sa}-j_i-l_{k_3})}$$

Q05; $n_s=n+Q8; -j_i+Q9;$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_s - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=I_{ik}+n-D}^{I_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j_{sa}=I_{sa}+n-D)}^{(j_{ik}+j_{sa}-j_{sa}^{ik}-1)} \sum_{j_i=I_i+n-D}^{I_{sa}+s-1-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=n-k_2+k_3+Q8;-j_{ik}-Q9;}$$

$$\sum_{(n_{ik}+j_{ik}-n-k_2)}^{(n_i-j_s+1)} \sum_{(n_{sa}=n-k_3+Q8;-j_{sa}-Q9); n_s=n-k_3+Q8;-j_s-Q9;}$$

$$\frac{(n_{ik}+j_{ik}-n-k_2)! \cdot (n_i-j_s+1)! \cdot (n_{sa}+j_{sa}-n-k_3)! \cdot (n_s-n-k_3+Q8;-j_s-Q9)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} Q05;$$

$$\frac{(n_{is}-n-k_1-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!}$$

$$\frac{(n_{is}-n-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i-j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!}$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(I_s-1-1)!}{(I_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(I_{ik}-I_s-j_{sa}^{ik}+1)!}{(j_s+I_{ik}-j_{ik}-I_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(I_{sa}+j_{sa}^{ik}-I_{ik}-j_{sa})!}{(j_{ik}+I_{sa}-j_{sa}^{ik}-I_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(I_i+j_{sa}-I_{sa}-s)!}{(j_{sa}+I_i-j_i-I_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!}$$

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$$\begin{aligned}
 & \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{(j_{ik} - j_{sa}^{ik} + 1)} \\
 & \sum_{j_{ik}=I_{ik}+n-D}^{I_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j_{sa}^{sa}=I_{sa}+n-D)}^{(I_{sa}-I+1)} \sum_{j_i=I_{sa}-I-j_{sa}+2}^{I_i-1+1} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9); n_i+k_2+k_3+Q9; Q6;}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{(n_{ik}+j_{ik}-j_{sa}-k_2)}^{n_{is}+j_s-j_{ik}} \sum_{(j_{sa}-j_i-k_3)}^{(j_{sa}-j_i-k_3)} \\
 & \frac{(n_{ik}+j_{ik}-j_{sa}-k_2)! \cdot (j_{sa}-j_i-k_3)!}{(n_{sa}+n+k_3+Q8; -j_s+Q9); n_i+k_2+k_3+Q9; Q5;} \\
 & \frac{(n_{is}-1)!}{(n_{is}-2)! \cdot (n_{is}-j_s+1)!} \\
 & \frac{(n_{is}-k_1-1)!}{(j_{ik}-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!} \\
 & \frac{(n_{sa}-n_s-k_3-1)!}{(j_{sa}-1)! \cdot (n_{sa}+j_{sa}-n_s-j_i-k_3)!} \\
 & Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \\
 & \frac{(I_s-1-1)!}{(I_s-j_s-1+1)! \cdot (j_s-2)!} \\
 & \frac{(I_{ik}-I_s-j_{sa}^{ik}+1)!}{(j_s+I_{ik}-j_{ik}-I_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(I_{sa}+j_{sa}^{ik}-I_{ik}-j_{sa})!}{(j_{ik}+I_{sa}-j_{sa}-I_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \frac{(I_i+j_{sa}-I_{sa}-s)!}{(j_{sa}+I_i-j_i-I_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} \\
 & \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_s}^{l_i-1+1} \\
 & \sum_{n_i=Q7}^{Q6} \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q9}^{n_{is}+j_s-j_{ik}-k_1} \sum_{(j_{ik}=Q9)} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}-j_{sa}-k_3)}^{(n_{sa}-j_{sa}-k_3)} \sum_{(n_{sa}+Q8;-j_i+Q9)}^{(n_{sa}-j_{sa}-k_3)} Q05; \\
 & \frac{(n_s - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j_{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +
 \end{aligned}$$

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$$\sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}^{(I_s-1+1)}$$

$$\sum_{j_{ik}=I_s+j_{sa}^{ik}-1+1}^{I_{ik}-1+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(I_{sa}-1+1)} \sum_{j_i=j_{sa}+s-j_{sa}^{ik}+1}^{I_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-j_{sa}^{ik}-k_3)}^{(n_{sa}+j_{sa}-j_{sa}^{ik}-k_3)} \quad Q05;$$

$$\frac{(n_i - n_s - 1)!}{(j_s + 2)! \cdot (n_s + j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \cdot \frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j_{sa} - I_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(I_i + j_{sa} - I_{sa} - s)!}{(j_{sa} + I_i - j_i - I_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+s-1}^{(\cdot)}$$

$$Q20; \sum_{n_i=Q7;+Q22}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}-j_{ik}-l_{k_1}}^{(\cdot)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_1})}^{(\cdot)} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}^{(\cdot)}$$

$$\frac{(n_s + j_i - n - Q31 - j_{sa}^s)! \cdot (n - j_s - s)!}{(n_s + j_i - n - Q31 - j_{sa}^s)! \cdot (n - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq n - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_s + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - l_{k_1} \wedge j^{sa} + s - j_{sa} \leq j_i \wedge n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_s + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - l_{k_1} \wedge l_i \leq D + l_{k_1} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q044;$$

$$j_{sa} < j_{sa}^i \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; \dots, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}, \dots, l_{k_3}, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_k = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_{i, D1}; = Q00; \sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);} \sum_{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{is} + j_s - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{i_k}=n+l_{k_2}+l_{k_3}+Q8;-j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - l_{k_1} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - l_{k_1})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - l_{k_3})!}$$

$$Q000; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(l_{i_k}-1-j_{s_a}^{i_k}+2)} \sum_{(j_s=l_i+n-D-s+1)}$$

$$\sum_{j_{i_k}=j_s+j_{s_a}^{i_k}-1}^{()} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})}^{()} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})}^{()} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s - l_{sa}$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - l_{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1$$

$$s: \{Q3; , j_{sa}^s, \dots, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}^s, \dots, l_{k_3}, \dots, Q4; j_{sa}^s\}$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_{k_1} = l_{k_2} + l_{k_3} \Rightarrow$$

$$\sum_{fz, C1; S \Rightarrow j_s}^{A1; S^B1; j_{ik}, j^{sa}, j_i, D1;} = Q00; \sum_{k=1}^{(l_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_{k_1}+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - 1)!}{(l_s + j_i - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - j_{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q00; $\sum_{k=1}^{(l_{ik} - 1 - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)}$

$$\sum_{(j_s + j_{sa}^{ik} - 1)}^{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j_i = j^{sa} + s - j_{sa})}^{()}$$

Q23; $\sum_{(n_i - j_s - Q23 + 1)} \sum_{(n_{is} = n + k + Q8; -j_s + Q9;)} \sum_{(n_{ik} = n_{is} + j_s - j_{ik} - k_1)}$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - k_2)}^{()} \sum_{(n_s = n_{sa} + j^{sa} - j_i - k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned} & \sum_{k=1}^{n-D-s} \sum_{j_s=2}^{n-D-s-k} \binom{n-D-s-k}{j_s} \binom{n-D-s-k-j_s}{j_{ik}-j_{sa}^{ik}-1} \binom{n-D-s-k-j_s-j_{ik}+j_{sa}^{ik}}{j_i-j_{sa}+s-j_{sa}} \\ & \sum_{j_s=2}^{n-D-s-k} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{n-D-s-k-j_s} \sum_{j_i=j_s+j_{sa}^{ik}-1}^{n-D-s-k-j_s-j_{ik}+j_{sa}^{ik}} \binom{n-D-s-k-j_s}{j_s} \binom{n-D-s-k-j_s-j_{ik}+j_{sa}^{ik}}{j_{ik}-j_{sa}^{ik}-1} \binom{n-D-s-k-j_s-j_{ik}+j_{sa}^{ik}}{j_i-j_{sa}+s-j_{sa}} \\ & \sum_{n_i=Q_6}^{n_i+Q_6} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_s+Q_9}^{n_{ik}+Q_6} \sum_{n_{is}=n+j_s-j_{ik}-k_1}^{n_{is}+Q_6} \binom{n_i+Q_6}{n_i} \binom{n_{ik}+Q_6}{n_{ik}} \binom{n_{is}+Q_6}{n_{is}} \\ & \sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q_8; -j_i+Q_9}^{n_{sa}+j^{sa}-j_i-k_3} \binom{n_{ik}+j_{ik}-j^{sa}-k_2}{n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9} \binom{n_{sa}+j^{sa}-j_i-k_3}{n_s=n+Q_8; -j_i+Q_9} \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\ & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\ & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\ & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \end{aligned}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(l_{ik} - l - 1 + 2)$$

$$\sum_{j_s=l_i+n-D-5}^{l_{ik}-l-1+2}$$

$$(l_{sa} - l + 1)$$

$$\sum_{j_{ik}=j_{sa}^{ik}-1}^{l_{sa}-l+1} \sum_{j_{sa}=j_{sa}^{ik}-j_{sa}^{ik}+j_{sa}-j_{sa}^{ik}}^{l_{sa}-l+1} \sum_{j_{sa}=j_{sa}^{ik}-j_{sa}^{ik}+j_{sa}-j_{sa}^{ik}}^{l_{sa}-l+1}$$

$$Q6; \sum_{n=Q7; (n_{is}=n+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9;}^{(n_i-j_s+1)} \sum_{n_{sa}+j_{sa}^{ik}-j_i-l_{k_1}}^{(n_i-j_s+1)}$$

$$\sum_{(n_{ik}=n+l_{k_3}+Q8;-j_{sa}+Q9);}^{(n_i-j_s+1)} \sum_{n_s=n+Q8;-j_i+Q9;}^{(n_i-j_s+1)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(I_i+n-D-s)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=I_{sa}+n-D)} \sum_{(I_i+n-D)}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}+k_2+k_3+Q8; Q9;}$$

$$\frac{(n_{ik}+j_{ik}-j^{sa}-k_2) \cdot (j^{sa}-j_i-k_3)}{(n_{sa}+k_3+Q8; j^{sa}+Q9); n_{is}+Q9;}$$

$$\frac{(n_{is}-1)!}{(n_{is}-2)! \cdot (n_{is}-j_s+1)!}$$

$$\frac{(n_{is}-k_1-1)!}{(j_{ik}-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-k_3)!}$$

$$Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(I_s-1-1)!}{(I_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(I_{sa}+j_{sa}^{ik}-I_{ik}-j_{sa})!}{(j_{ik}+I_{sa}-j^{sa}-I_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(I_i+j_{sa}-I_{sa}-s)!}{(j^{sa}+I_i-j_i-I_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} +$$

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$$\begin{aligned}
 & \sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{(l_i+n-D-s)} \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}+s-l-j_{sa}+2}^{l_i-l+1} \\
 & \sum_{n_i=Q6; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-n-k_3)}^{(n_{is}+j_s-j_{ik}-k_1)} Q05; \\
 & \frac{(n_i - n_s - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s + n_{ik} - j_{ik} - k_1)!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{is} + j_s + j_{ik} - n_{sa} - j^{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=1}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)}
 \end{aligned}$$

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$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{is}=n+k+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{n_s=n+Q8; -j_s+Q9}^{n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_s - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 2)! \cdot (n_s - n_{is} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{ik} - k_2 - 1)!}{(j_{sa} - j_{ik} - 2)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_s + j_{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j_{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_{i_s}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-k_1}$$

$$\frac{\sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-k_2)}^{()} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-k_2} (n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{s_a}^s)! \cdot (n + j^{s_a} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_{s_a}^s)!}{(l_s - j_s - 1)! \cdot (l_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l_i \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{i_k} + s - n - l_i - j_{s_a}^{i_k} + 2 \leq l_i \leq D + l_{s_a} + s - n - l_i - j_{s_a}^{i_k} + 1 \wedge$$

$$1 \leq j_s \leq j_{i_k} - j_{s_a}^{i_k} + 1 \wedge j_s + j_{s_a}^{i_k} - 1 \leq j^{s_a} + j_{s_a}^{i_k} - 1 \wedge$$

$$j^{s_a} = j_i + j_{s_a} - s \wedge j^{s_a} + s - j_{s_a} \leq j_i \leq n \wedge$$

$$l_{i_k} - j_{s_a}^{i_k} + 1 = l_s \wedge l_{s_a} + j_{s_a}^{i_k} - j_{s_a} > l_{i_k} \wedge l_{s_a} + j_{s_a}^{i_k} - j_{s_a} \leq l_s \wedge$$

$$D + s - n < l_i \leq D + l_{s_a} + s - n - j_{s_a} \wedge$$

$$D \geq n < n \wedge Q2,$$

$$j_s < j_{s_a} - 1 \wedge j_{s_a}^{i_k} < j_{s_a} - 1 \wedge j_{s_a}^s < j_{s_a}^{i_k} - 1 \wedge$$

$$s: \{Q3; , j_{s_a}^s, \dots, k_1, j_{s_a}^{i_k}, \dots, k_2, \dots, k_3, j_{s_a}, Q4; \} \wedge$$

$$s \geq 7, j_s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$A1;S B1; f_z, C1; \Rightarrow j_s, j_{i_k}, j_{s_a}, j_i, D1; = Q00; \left(\sum_{k=1}^{(l_{i_k}-1-j_{s_a}^{i_k}+2)} \sum_{(j_s=2)} (l_{s_a}-1+1) \sum_{j_{i_k}=j_s+j_{s_a}^{i_k}-1} \sum_{(j^{s_a}=l_i+n+j_{s_a}-D-s)} \sum_{j_i=j^{s_a}+s-j_{s_a}} \right)$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - l_{k_3})!}$$

$$Q00; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_i+j_{sa}-s-1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_{sa}+s-1-j_{sa}+1} \sum_{j_i=l_i+n-D}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + n_i - n - j_i - 1)!}{(n_s + n_i - n - j_i - 1)!}$$

$$\frac{(n - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_s - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{ik} - l_{ik})! \cdot (n_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(n_{sa} + j_{sa} - l_{sa} - s)!}{(n_{sa} + l_i - j_i - s)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-1+1)} \sum_{j_i=l_{sa}+s-1-j_{sa}+2}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

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$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - 1)!}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - 1)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l - s)!}{(j^{sa} + l_i - l - s)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q00; $\sum_{k=1}^{(l_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}$

$$\sum_{k=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$(n_i - j_s - Q23; +1)$
 $\sum_{(n_{is}=n+k+Q8; -j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$$D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

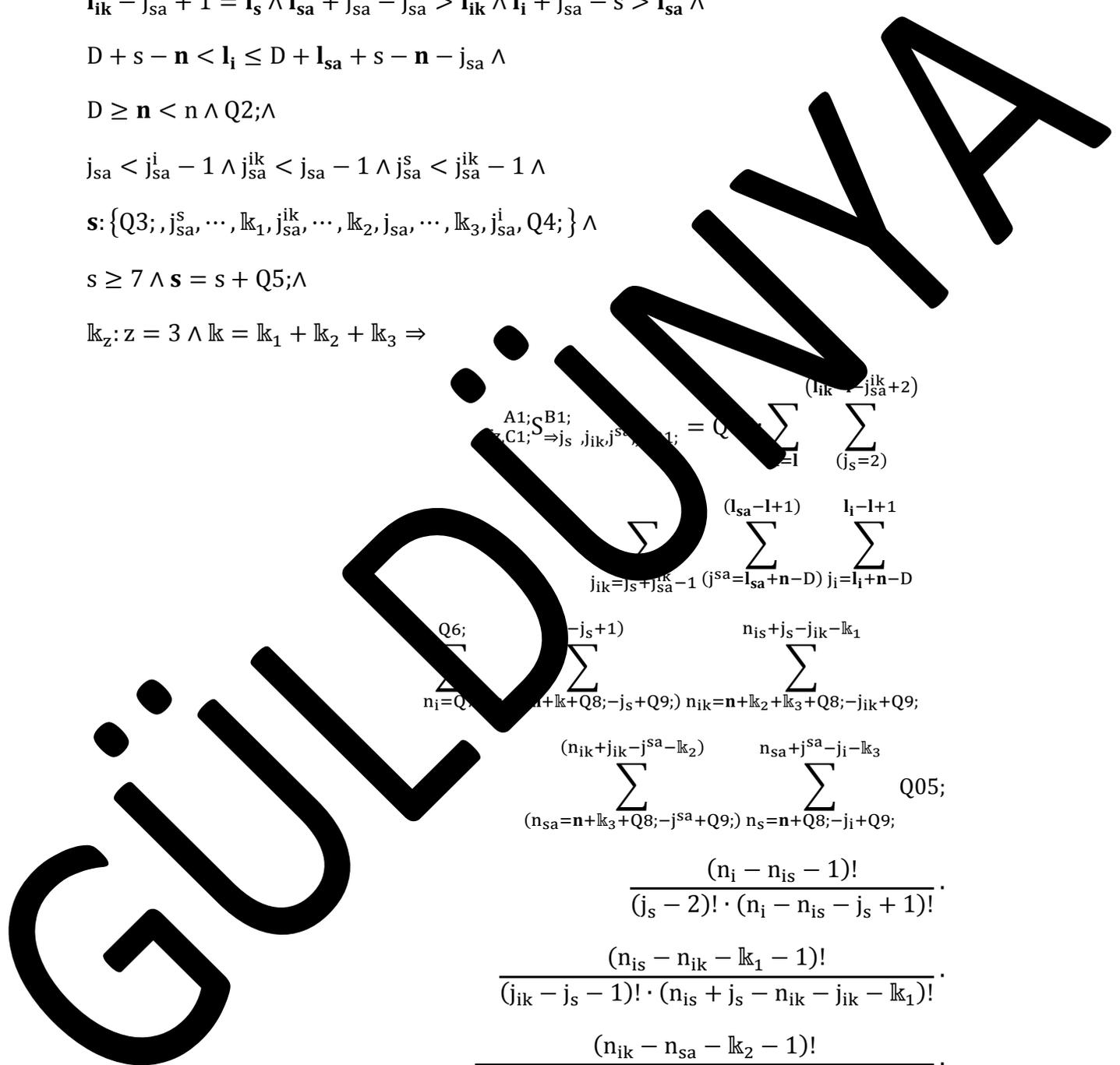
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{i=1}^{(l_{ik} - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{(j_{ik} - j_{sa}^{ik} + 1)} = Q4; \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_i-1+1} \\
 & \sum_{n_i=Q6; \dots}^{(j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}^{(n_{is}+j_s-j_{ik}-k_1)} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s+j^{sa}-j_i-k_3)}^{(n_s+j^{sa}-j_i-k_3)} \quad Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot
 \end{aligned}$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} = Q04;$$

$$(l_{ik} - l - j_{sa}^{ik} + 2)$$

$$\sum_{k=0}^{l_{ik} - l - j_{sa}^{ik} + 2} \sum_{l=0}^{D - s + 1} \binom{l_{ik} - l - j_{sa}^{ik} + 2}{k} \binom{D - s + 1}{l}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \binom{l_{ik}-1-j_{sa}^{ik}+2}{j_{ik}-j_s} \sum_{j_i=j_{sa}+s-j_{sa}} \binom{l_{ik}-1-j_{sa}^{ik}+2}{j_i-j_{sa}}$$

$$Q20; \binom{n_i - j_s - Q20}{n_i - j_s - Q20} = 1$$

$$\sum_{n_i=Q7+Q8} \binom{n_i - j_s - Q20}{n_i - j_s - Q20} \sum_{n_{ik}=n_i + j_s - j_{ik} - k_1} \binom{n_i - j_s - Q20}{n_{ik} - n_i - j_s + j_{ik} + k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2)} \binom{n_{sa} - j_{sa} - k_2}{n_{sa} - j_{sa} - k_2} \sum_{(n_s=n_{sa}+j_{sa}-j_i-k_3)} \binom{n_s - j_i - k_3}{n_s - n_{sa} - j_{sa} + j_i + k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} = Q044;$$

$$n \geq n \leq n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^s = j_i + j_{sa} - s \wedge j_{sa}^s + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

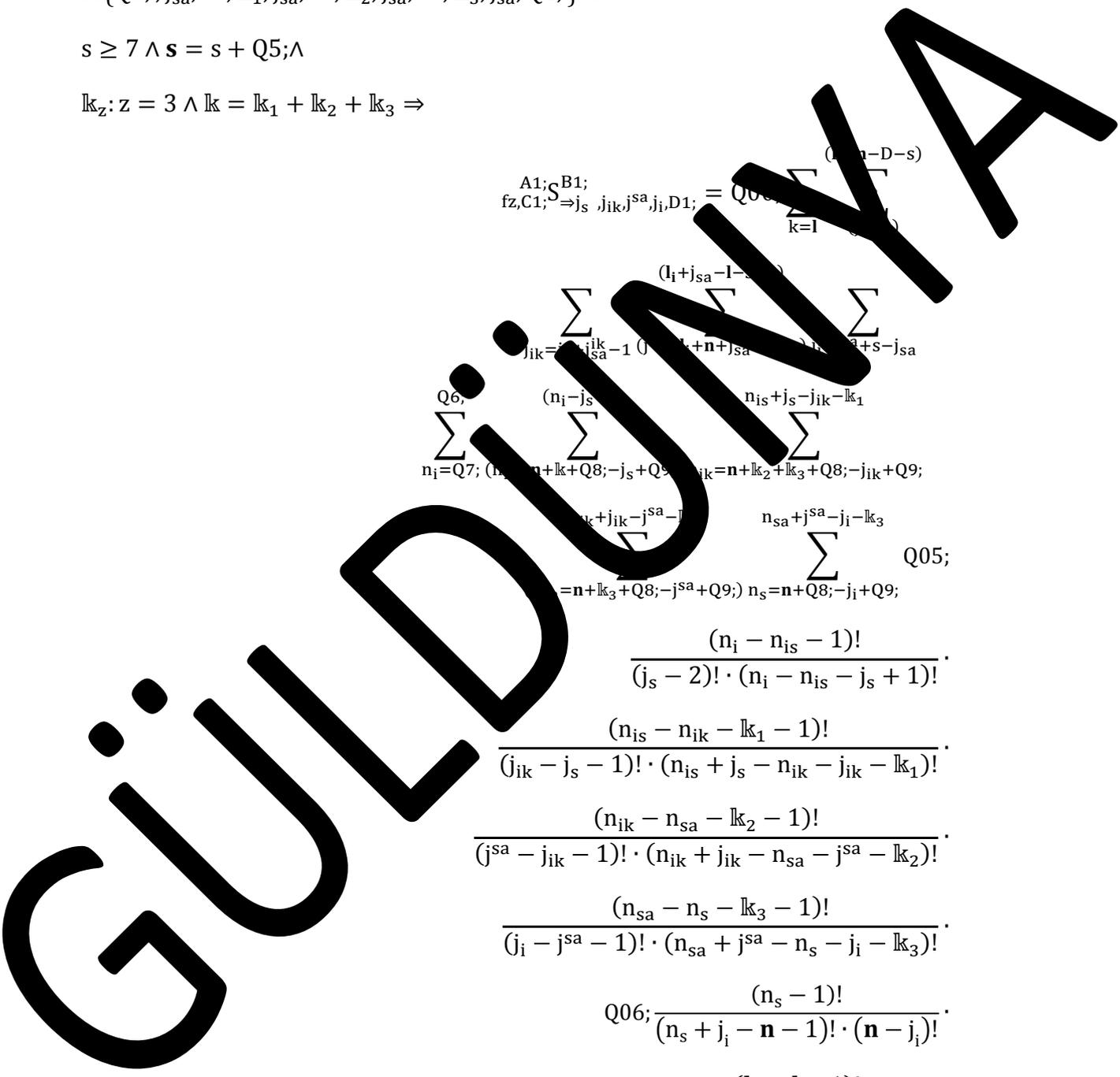
$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$



$$\begin{aligned} & \sum_{k=1}^{(n-D-s)} \sum_{j_{ik}=j_{sa}^{ik}-1}^{(l_i+j_{sa}-l_{ik})} \sum_{j_{ik}=n+l_{ik}+j_{sa}-j_{ik}-1}^{(n+l_{ik}+j_{sa}-j_{ik}-1)} \sum_{j_{ik}=n+l_{ik}+j_{sa}-j_{ik}-1}^{(n+l_{ik}+j_{sa}-j_{ik}-1)} \\ & \sum_{n_i=Q7; (n_i+l_{ik}+Q8;-j_s+Q9;-j_{ik}=n+l_{ik}+k_3+Q8;-j_{ik}+Q9;)}^{Q6; (n_i-j_s)} \sum_{n_{is}=j_s-j_{ik}-k_1}^{(n_i+j_{sa}-l_{ik})} \sum_{n_{sa}+j_{sa}-j_i-k_3}^{n_{sa}+j_{sa}-j_i-k_3} \\ & \sum_{n_s=n+l_{ik}+Q8;-j_s+Q9;-j_{ik}=n+l_{ik}+k_3+Q8;-j_{ik}+Q9;}^{(n_i-j_s)} \sum_{n_{is}=j_s-j_{ik}-k_1}^{(n_i+j_{sa}-l_{ik})} \sum_{n_{sa}+j_{sa}-j_i-k_3}^{n_{sa}+j_{sa}-j_i-k_3} \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\ & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\ & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \\ & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \cdot \\ & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \\ & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\ & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \end{aligned}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=I_i+n-D-s+1)}^{(I_s-1+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(I_i+j_{sa}-1-s+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(I_i+j_{sa}-1-s+1)} \sum_{(j^{sa}+s-j_{sa})}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_i+n+k_2+k_3+Q8;-j_s+Q9)}^{Q6; (n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}}^{(n_i-j_s+1)} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)}$$

$$\sum_{(n_{sa}+n+k_3+Q8;-j_s+Q9); n_{sa}+Q9;-j_s+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)}^{(n_{sa}+j^{sa}-j_i-k_3)} Q05;$$

$$\frac{(n_{is} - 1)!}{(n_{is} - 2)! \cdot (n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - 1 - k_1 - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(n_{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=I_i+n-D-s+1)}^{(I_s-1+1)}$$

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$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22}^{Q20; (n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j_i-j_{i-k_3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!}$$

$$\frac{(j_s - 1 - 1)!}{(j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1$

$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 = (j_s - 1 - 1)$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{ik} + j_{sa} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{ik} + 1 = l_s + j_{sa}^{ik} - j_{sa} \geq 1 \wedge l_{sa} - j_{sa} - s = l_{sa} \wedge$

$D + s - n < s \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa}^{ik} < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa}^{ik} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; j_{sa}^s, \dots, j_{sa}^{ik}, k_2, j_{sa}, \dots, k_3, j_{sa}, Q4; \} \wedge$

$s \leq 7 \wedge s \leq s + Q5; \wedge$

$k_z: z = 3, k = k_1 + k_2 + k_3 \Rightarrow$

$$fz, C1; \Rightarrow_{j_s, j_{ik}, j^{sa}, j_i, D1;}^{A1; S^{B1};} = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(I_i+j_{sa}-I-s+1)} \sum_{(j^{sa}=I_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8+Q9;}^{n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 2)! \cdot (j_s - k_1 - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + k_2 - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=I_i+n-D-s+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\frac{\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \binom{()}{(n_s + j_i - j_s - s - Q31;)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} \cdot Q044$$

$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, \dots, l_{sa}^{ik}, \dots, l_{k_2}, j_{sa}, \dots, l_{k_3}, j_{sa}, Q4\} \wedge$

$s \geq 7 \wedge s = \dots + Q5; \wedge$

$l_{k_z}: z = 3 \wedge l_{k_z} = \dots + l_{k_2} + \dots \Rightarrow$

$fz, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}$

$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_i+j_{sa}^{ik}-l-s+1} \binom{()}{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - n_i - n_{is} - j_i - 1)!}{(n_s - n_i - n_{is} - j_i - 1)!}$

$$\frac{(n_i - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - 1 - j_{sa}^{ik} - 1)!}{(j_s + l_{ik} - j_{ik} - l_{sa}^{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

Q02; $\frac{(D - 1)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q00; $\sum_{k=1}^{(l_s - 1 + 1)} \sum_{(j_s = l_i + n - D - s + 1)}$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{j_{sa}^{ik} - 1 - s + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

Q7; $\sum_{(n_i = n + k + Q8; -j_s + Q9;)}^{(n_i - j_s + 1)}$ $\sum_{(n_{is} = n + k + Q8; -j_s + Q9;)}^{(n_i - j_s + 1)}$ $\sum_{(n_{ik} = n + k_2 + k_3 + Q8; -j_{ik} + Q9;)}^{(n_i - j_s + 1)}$ $\sum_{(n_{is} + j_s - j_{ik} - k_1)}$

Q05; $\sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)}$ $\sum_{(n_s = n + Q8; -j_i + Q9;)}^{(n_{sa} + j^{sa} - j_i - k_3)}$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

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$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} = Q04;$$

$$Q00; \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-1+1)} \sum_{j_i=j_{ik}+j_{sa}^{ik}-j_{sa}}^{(n-j_i)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(n-j_i)}$$

$$Q20; \sum_{n_i=Q7;+}^{(n_i-j_s-Q2)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9);} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} = Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}, \dots, l_{k_3}, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_k = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$\begin{aligned}
 & f_{z,C1;S} \Rightarrow j_s, j_{ik} j_{sa}^{j_i, D1}; = Q00; \left(\sum_{k=1}^{(n-D-s)} \dots \right) \\
 & \sum_{j_{ik}=j_{sa}^{ik}-1}^{(l_{sa}-1+j_{sa}^{ik})} \sum_{j_i=0}^{(n+j_{sa}-j_{ik}-1)} \sum_{j_s=0}^{(n+s-j_{sa}-j_{ik}-1)} \\
 & \sum_{n_i=Q7; (n_i=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s)} \sum_{n_{is}=n+l_k+Q8;-j_s+Q9;}^{(n_i-j_s)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9;}^{(n_i-j_s)} \sum_{n_{sa}=j_{sa}-j_i-l_{k_3}}^{(n_i-j_s)} \\
 & \sum_{n_s=n+l_{k_3}+Q8;-j_{sa}+Q9;}^{(n_i-j_s)} \sum_{n_s=n+Q8;-j_i+Q9;}^{(n_i-j_s)} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!} \cdot \\
 & \frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!} \cdot \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
 \end{aligned}$$

$$\frac{(D - \mathbf{l}_i)!}{(D + j_i - \mathbf{n} - \mathbf{l}_i)! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{(\mathbf{l}_s - \mathbf{l} + 1)} \sum_{(j_s = \mathbf{l}_i + \mathbf{n} - D - s + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(\mathbf{l}_{sa} - \mathbf{l} + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j^{sa} + s - j_{sa})}$$

$$\sum_{n_i = Q7; (n_{is} = \mathbf{n} + k + Q8; -j_s + Q9; n_i + \mathbf{n} + k_2 + k_3 + Q9; -Q9;}$$

$$\frac{(n_{ik} + j_{ik} - j^{sa} - k_2) \cdot (n_{sa} + j^{sa} - j_i - k_3)}{(n_{sa} + \mathbf{n} + k_3 + Q9; -j_s + Q9; -Q9; -Q9;}$$

$$\frac{(n_{is} - 1)!}{(n_{is} - 2)! \cdot (n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - j_s - k_1 - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

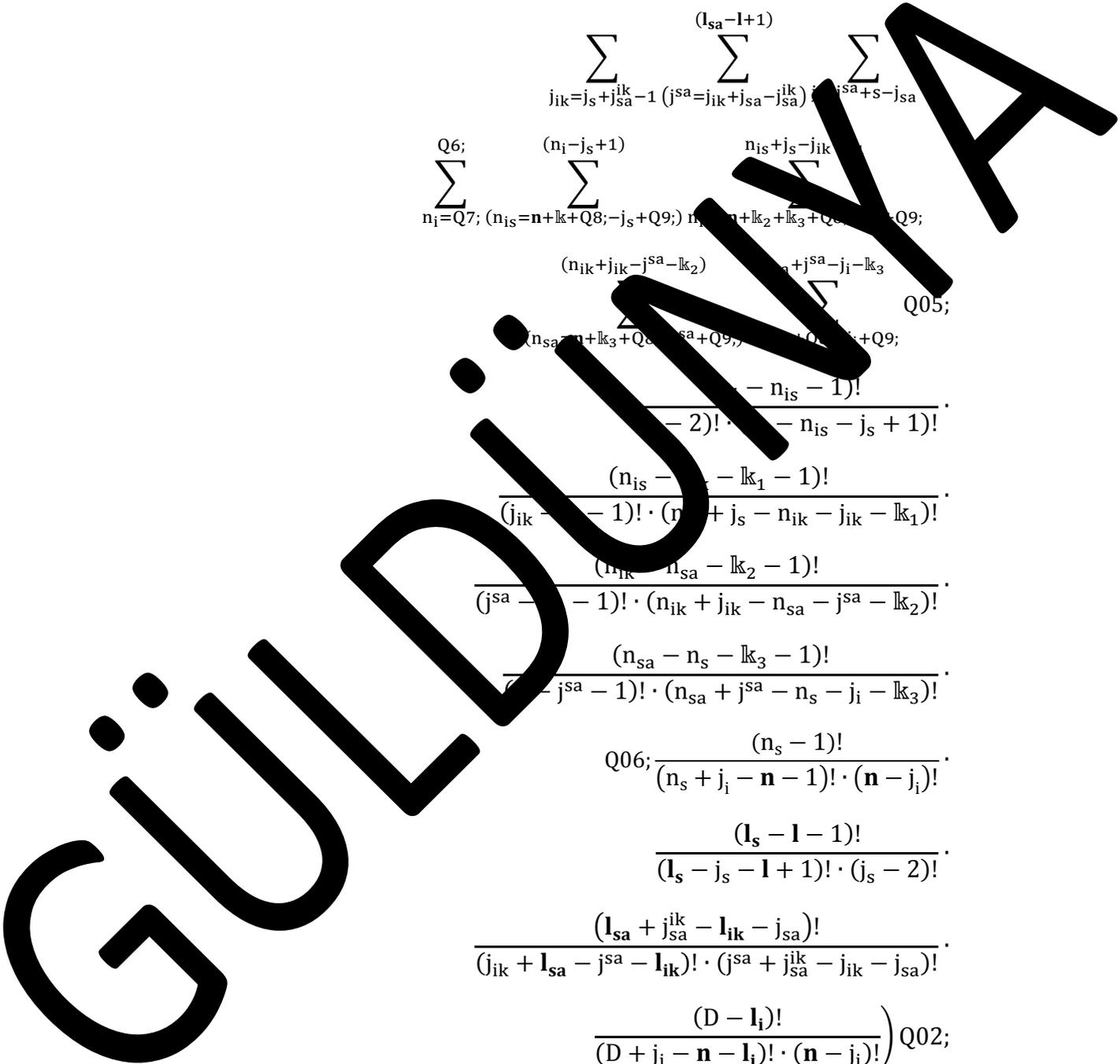
$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(\mathbf{l}_s - \mathbf{l} - 1)!}{(\mathbf{l}_s - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l}_{sa} + j_{sa}^{ik} - \mathbf{l}_{ik} - j_{sa})!}{(j_{ik} + \mathbf{l}_{sa} - j^{sa} - \mathbf{l}_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\left. \frac{(D - \mathbf{l}_i)!}{(D + j_i - \mathbf{n} - \mathbf{l}_i)! \cdot (\mathbf{n} - j_i)!} \right) Q02;$$

$$Q00; \left(\sum_{k=1}^{(\mathbf{l}_i + \mathbf{n} - D - s)} \sum_{(j_s = 2)} \right)$$



$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_{sa}+s-1-j_{sa}+1}$$

$$\sum_{n_i=Q_7; (n_{is}=n+k+Q_8; -j_s+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{n_s=n+Q_8+Q_9}^{n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 2)! \cdot (j_s - k_1 - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + 1 - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i + j_{sa} - 1)! \cdot (n_i + j_{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}+s-1-j_{sa}+2}^{l_i-1+1}$$

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$$\sum_{n_i=Q7; (n_{iS}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{iK}=n+k_2+k_3+Q8;-j_{iK}+Q9;}^{n_{iS}+j_s-j_{iK}-k_1}$$

$$\sum_{(n_{sA}=n+k_3+Q8;-j^{sA}+Q9;)}^{(n_{iK}+j_{iK}-j^{sA}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sA}+j^{sA}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{iS} - 1)!}{(j_s - 2)! \cdot (n_i - n_{iS} - j_s + 1)!} \cdot \frac{(n_{iS} - n_{iK} - k_1 - 1)!}{(j_{iK} - j_s - 1)! \cdot (n_{iS} + j_s - j_{iK} - k_1)!}$$

$$\frac{(n_{iK} - n_{sA} - 1)!}{(j^{sA} - j_{iK} - 1)! \cdot (n_{iK} + j_{iK} - n_{sA} - j^{sA} - k_2)!}$$

$$\frac{(n_s - n_{iS} - 1)!}{(j_i - j_s - 1)! \cdot (n_s + j^{sA} - j_i - k_3)!}$$

$$Q06 \cdot \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sA} + j_{sA}^{iK} - l_{iK} - j_{sA})!}{(j_{iK} + j_{sA} - j^{sA} - l_{iK})! \cdot (j^{sA} + j_{sA}^{iK} - j_{iK} - j_{sA})!}$$

$$\frac{(l_i + j_{sA} - l_{sA} - s)!}{(j^{sA} + l_i - j_i - l_{sA})! \cdot (j_i + j_{sA} - j^{sA} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}$$

$$\sum_{j_{iK}=j_s+j_{sA}^{iK}-1}^{(l_{sA}-l+1)} \sum_{(j^{sA}=j_{iK}+j_{sA}-j_{sA}^{iK})}^{l_i-l+1} \sum_{j_i=j^{sA}+s-j_{sA}+1}$$

$$\sum_{n_i=Q7; (n_{iS}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{iK}=n+k_2+k_3+Q8;-j_{iK}+Q9;}^{n_{iS}+j_s-j_{iK}-k_1}$$

GÜLDÜNYA

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9;)} \sum_{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{sa}+j^{sa}-j_i-l_{k_3})} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_{sa} - 1)!}{(n_s + 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_{sa} + j_{sa} - l_{sa} - s)!}{(l_i + l_j - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-1+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{(n_i=Q_7;+Q_{22}; (n_{is}=n+l_{k_3}+Q_8; -j_s+Q_9;)} \sum_{(n_i-j_s-Q_{23};+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n_{sa}+j^{sa}-j_i-l_{k_3})}$$

GÜLDÜZMAYA

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s \leq l_{sa}$

$D + s - n < l_i \leq D + l_{sa} + s - n \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^i, \dots, k_3, j_{sa}^s\} \quad Q4; j$

$s \geq 7 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$\overset{A1; S^B1;}{fz, C1; \Rightarrow j_s} j_{ik} j_{sa}^{j_i, D1; } = Q00; \left(\sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s=2)} \right)$

$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$

$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1)!}{(l_s + j_i - l + 1)! \cdot (l - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(n + j_i - l - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)} \right)$$

$$\sum_{k=j_s+j_{sa}^{ik}-1}^{(j_i+j_{sa}-s-1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_{sa}+s-1-j_{sa}+1} \sum_{j_i=l_i+n-D}$$

$$Q6; \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(l_i)!}{(D + l_i - n - l_i)! \cdot (j_i)!}$$

$$\sum_{j_s=2}^{l_s-1} \sum_{j_i=1}^{l_i-1} \dots$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{sa}-1} \sum_{j_{sa}=n-D}^{l_{sa}-1} \sum_{j_i=l_{sa}+s-1-j_{sa}+2}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9); n_{ik}=n+l_k+l_{k3}+Q8;-j_{ik}+Q9; n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{n_{sa}=n+l_{k3}+Q8;-j_{sa}+Q9; n_s=n+Q8;-j_i+Q9; n_{ik}+j_{ik}-j_{sa}-l_{k2}} \sum_{n_{sa}+j_{sa}-j_i-l_{k3}} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

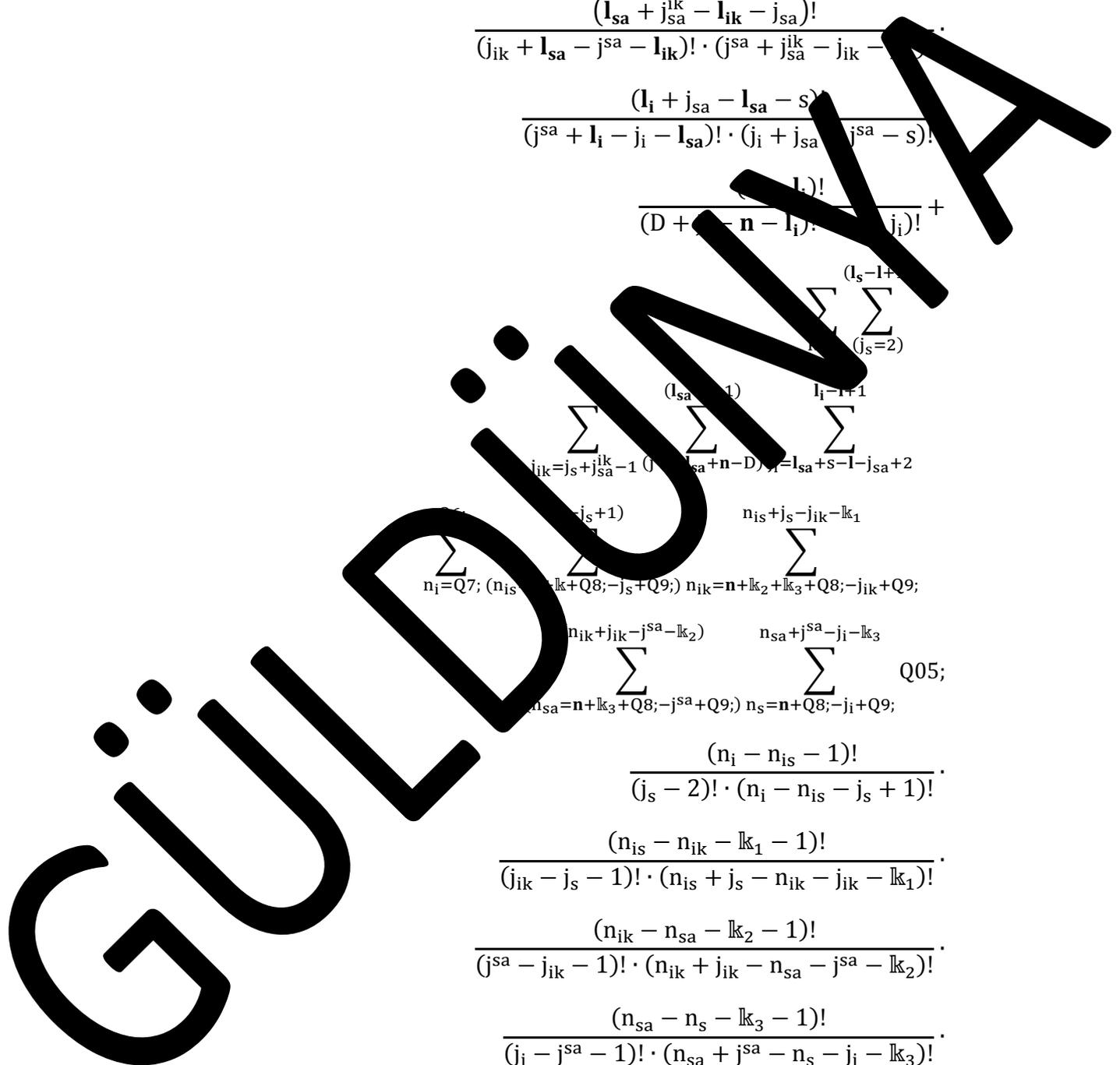
$$\frac{(n_{is} - n_{ik} - l_{k1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$



$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{l=1}^{(Q-1+1)} (j_s = l_i + l_{sa} - s + 1)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik}} (j_{sa} = j_{ik} + j_{sa}^{ik}) \sum_{j_i = j_{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q7; +Q22; (n_{is} = \dots + Q8; -j_s + \dots)} (n_i - j_s - Q3; +1) \sum_{n_{ik} = n_{is} + j_s - j_{ik} - l_{k1}}$$

$$\sum_{n_{sa} = n_{ik} + j_{sa}^{ik} - l_{k2}} \sum_{n_s = n_{sa} + j_{sa}^{ik} - j_i - l_{k3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$$D \geq n \leq l \neq i \wedge l \leq D - n + 1 \wedge$$

$$D + l_i + s - l_{sa} + 2 \leq l \leq i - 1 \wedge$$

$$1 - j_s \leq j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa} = j_i + \dots - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(l_{sa}-1+1)} \sum_{(j_i=1)}^{(l_i-1+1)} \sum_{(n_i=n+D)}^{(n_i+n-D)} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8; (n_{is}+j_s-j_{ik}-1)}^{(n_i-j_s+1)} \sum_{(n_{is}=n+k_2+Q8; (n_{is}+j_s-j_{ik}-1)}^{(n_i-j_s+1)} \sum_{(n_{is}=n+k_3+Q8; (n_{is}+j_s-j_{ik}-1)}^{(n_i-j_s+1)} \\
 & \sum_{(n_{sa}=n+k_3+Q9; (n_{sa}+j_{sa}-n_{is}-j_{ik}-k_3)}^{(n_{sa}+j_{sa}-n_{is}-j_{ik}-k_3)} \sum_{(n_{sa}=n+k_3+Q9; (n_{sa}+j_{sa}-n_{is}-j_{ik}-k_3)}^{(n_{sa}+j_{sa}-n_{is}-j_{ik}-k_3)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!} \\
 & \frac{(n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;
 \end{aligned}$$

$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-1+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j_{sa}+s-j_{sa}^{ik}}$$

$$Q20; \sum_{n_i=Q7;+Q22}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{sa})}^{()} \sum_{(n_s=n_{sa}+j_{sa}^{sa}-j_{sa}^{ik})}$$

$$\frac{(n_s - j_i - n - Q5 - j_{sa}^{sa})!}{(n_s - j_i - n - Q5 - j_{sa}^{sa})! \cdot (l_s - j_s - s)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s = D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_{ik} \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{sa} = j_i + j_{sa}^{sa} \wedge j_{sa}^{sa} + j_{sa}^{sa} \leq j_i < n \wedge$$

$$l_{ik} = j_{sa}^{ik} + 1 > l_s \wedge j_{sa}^{ik} + j_{sa}^{ik} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$Q + s - 1 \leq l_i \leq D + l_i + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge$$

$$j_{sa}^{sa} < j_{sa}^{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{sa} < j_{sa}^{ik} - 1 \wedge$$

$$s; \{Q3; j_{sa}^{sa}, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$fz, C1; \overset{A1; S B1}{\Rightarrow} j_{ik} j_{sa}^{sa} j_i, D1; = Q00; \left(\sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{(l_i+n-D-s)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_7; (n_{is}=n+l_k+Q_8;-j_s+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_2}+l_{k_3}+Q_8;-j_{ik}+Q_9}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8;-j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{(n_s=n+Q_8;-j_s+Q_9)}^{(n_{sa}+j_{sa}-j_i-l_{k_3})}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_s - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_s - n_{is} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{is} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_{sa} - 1)! \cdot (n_s + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_7; (n_{is}=n+l_k+Q_8;-j_s+Q_9)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_2}+l_{k_3}+Q_8;-j_{ik}+Q_9}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

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$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8;-j_i+Q9)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - l_{k_2})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - l_i) \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - l_{k_1} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_{ik}+n-D-j_{sa}^{ik})} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_i+n-D}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8;-j_i+Q9)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_i - 1)!}{(l_s - l_i - 1 + 1)! \cdot (l_i - 2)!}$$

$$\frac{(l_{ik} - l_s - j_s + 1)!}{(j_s + l_{ik} - 1)! \cdot (j_{ik} - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i - l_{sa} - 1)!}{(j^{sa} + l_i - j_i - l_{sa} - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(l_i - l_j)!}{(D - l_i - n - l_j)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(l_{ik} + n - D - j_{sa}^{ik})} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_{ik}+s-1-j_{sa}^{ik}+2}^{l_i-1+1}$$

Q6; $\sum_{(n_i=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)}$ $\sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)}$$
 $\sum_{(n_s=n+Q8;-j_i+Q9)}^{n_{sa}+j^{sa}-j_i-k_3}$ Q05;

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

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$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - s)!}$$

$$\frac{(l_i - 1)!}{(j_i - n - 1)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{l_{ik} + n - D - j_{sa}^{ik} + 1}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-s-1}^{l_{ik}+s-1-j_{sa}^{ik}+1} \sum_{j_i=j_{ik}+j_{sa}-j_{sa}^{ik}}^{l_i+n-D}$$

$$Q6; \sum_{n_i=(n_{is}-k_1+Q8;-j_s+Q9)}^{(-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=0}^{l_s - l + 1} \sum_{j_{sa}^{ik} = l_{ik} + n - D - j_{sa}^{ik}}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} - j_{sa}^{ik})}^{l_i - l + 1} \sum_{j_i = l_{ik} + j_{sa}^{ik} + 2}^{l_i - l + 1}$$

$$\sum_{n_i = Q7; (n_{is} = n_i + Q8; -j_s + Q9;)}^{Q6; (n_i - j_s + 1)} \sum_{k = n + k_2 + k_3 + Q8; -j_{ik} + Q9;}^{(n_i - j_s + 1)} \sum_{j_s - j_{ik} - k_1}$$

$$\sum_{(n_i = n + k_3 + Q8; -j^{sa} + Q9;)}^{(n_i - j_s + 1)} \sum_{n_{sa} + j^{sa} - j_i - k_3} \sum_{n_s = n + Q8; -j_i + Q9;}^{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) Q04;$$

$$Q000; \sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + \dots)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_s)} \sum_{(j_i = j^{sa} - j_{sa})}$$

$$Q20; \sum_{n_i = Q7; + Q22; (n_{is} = n - Q8; - Q9;)} \sum_{(n_{ik} = \dots)} \sum_{(j_s - j_{ik} - k_1)}$$

$$\sum_{(n_{sa} = n_{ik} - j^{sa} - k_2)} \sum_{(n_{sa} + j^{sa} - j_i - k_3)}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(j_i - j_s - Q31; - j_{sa})! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l_i \leq l \wedge l_s \leq D - n + \dots \wedge$$

$$D + \dots + s - n - l_i + \dots \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = \dots + j_{sa} - s + \dots + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + \dots > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$\dots + s - \dots < l_i \leq D + l_{sa} + s - n - j_{sa} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

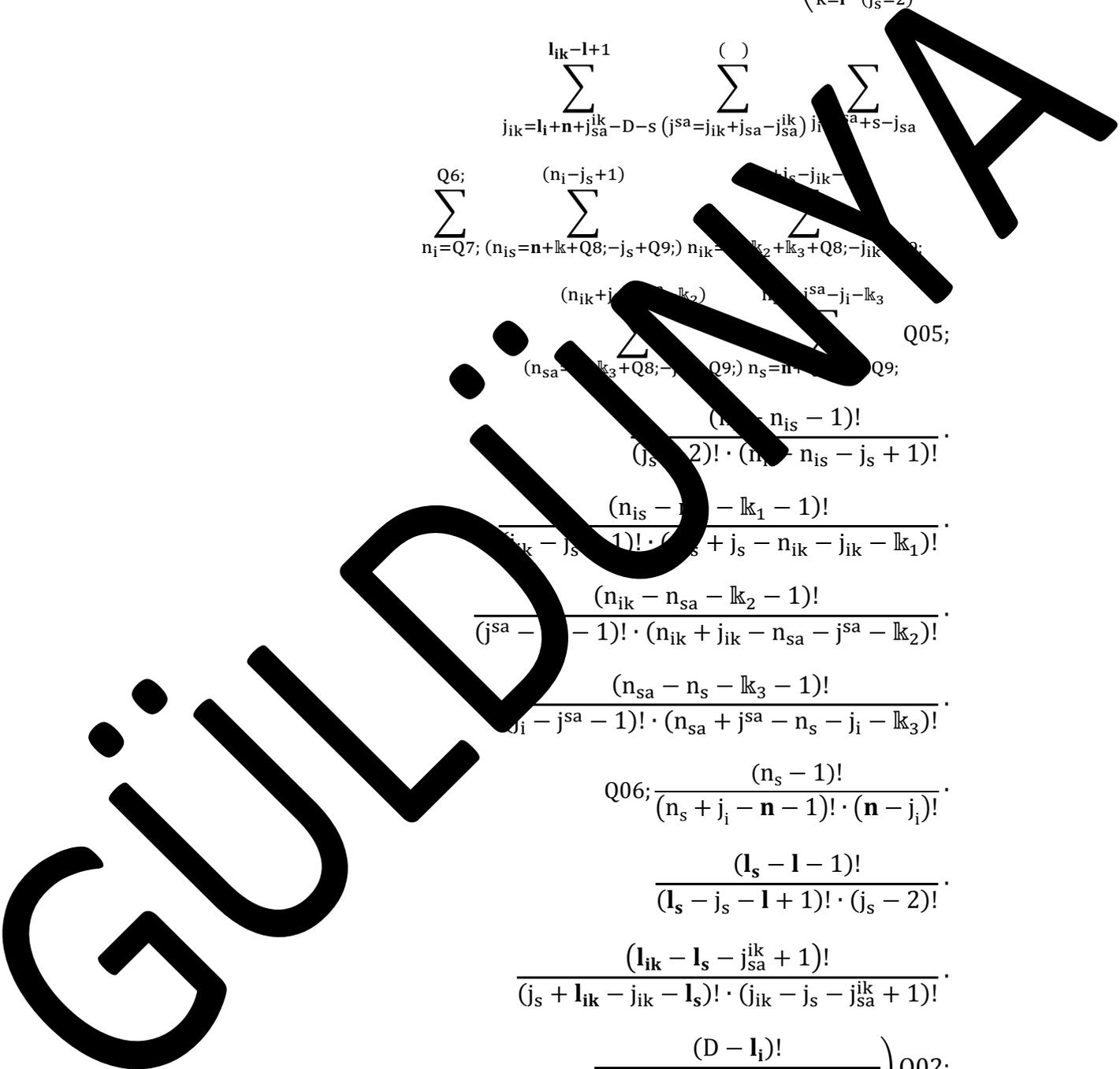
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$s \geq 7 \wedge s = s + Q5; \wedge$

$lk_z: z = 3 \wedge lk = lk_1 + lk_2 + lk_3 \Rightarrow$

$$\begin{aligned}
 & \overset{A1; S^{B1};}{fz, C1; \Rightarrow} \sum_{j_s} j_{ik} j^{sa} j_i D1; = Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right. \\
 & \sum_{j_{ik}=l_i+n+1}^{l_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i^{sa+s-j_{sa}}} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{(n_{ik}=n_{sa}+lk_2+lk_3+Q8;-j_{ik}-Q9)}^{(n_i-j_s-1)} \sum_{(n_{ik}+j_{sa}-lk_2)}^{(n_{ik}+j_{sa}-j_i-lk_3)} \sum_{(n_{sa}=n_{sa}+lk_3+Q8;-j_{sa}-Q9);}^{(n_{sa}-n_s-1)} \sum_{(n_s=n_s+Q9)}^{(n_s-1)} \\
 & \frac{(n_{is}-1)!}{(j_s-2)! \cdot (n_{is}-j_s+1)!} \cdot \frac{(n_{is}-1-lk_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_s+j_s-n_{ik}-j_{ik}-lk_1)!} \\
 & \frac{(n_{ik}-n_{sa}-lk_2-1)!}{(j^{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-lk_2)!} \cdot \frac{(n_{sa}-n_s-lk_3-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-lk_3)!} \\
 & Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Big) Q02; \\
 & Q00; \left(\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \right.
 \end{aligned}$$



$$\sum_{j_{ik}=l_{ik}+n-D}^{j_i+j_{sa}^{ik}-s-1} \binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \sum_{j_i=l_i+n-D}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q_7}^{Q_6} \sum_{(n_{is}=n+k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j_{sa}+Q_9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{n_s=n+Q_8+Q_9}^{n_{sa}+j_{sa}-j_i-k_3}$$

$$\frac{(n_i-1)!}{(j_s-2)! \cdot (n_i-n_{is}+1)!}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_i-n_{ik}-j_{ik}-k_1)!}$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!}$$

$$\frac{(n_{sa}-n_s-k_3-1)!}{(j_i+j_{sa}-1)! \cdot (n_i+j_{sa}-n_s-j_i-k_3)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \sum_{j_i=l_{ik}+s-1-j_{sa}^{ik}+2}^{l_i-1+1}$$

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$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{i_k}=n+l_k+l_{k_3}+Q8;-j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - l_{k_1} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - l_{k_1})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - l_{k_3})!}$$

$$Q04; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{i_k} - l_s - j_{s_a}^{i_k} + 1)!}{(j_s - l_{i_k} - j_{i_k} - l_s)! \cdot (j_{i_k} - j_s - j_{s_a}^{i_k} + 1)!}$$

$$\frac{(l_i + j_{s_a} - l_{s_a} - s)!}{(j^{s_a} + l_i - j_i - l_{s_a})! \cdot (j_i + j_{s_a} - j^{s_a} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \quad Q04;$$

$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}$$

$$\sum_{j_{i_k}=j_s+j_{s_a}^{i_k}-1}^{()} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} (n_s + j_i - j_s - s - Q31;)! \cdot (n + j_{sa}^s - j_s - s)! \cdot (n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} \cdot Q044$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \wedge n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}, Q4\} \wedge$$

$$s \geq 7 \wedge s = \dots + Q5; \wedge$$

$$k_z: z = 3 \wedge k = \dots + k_2 + \dots \Rightarrow$$

$$\begin{matrix} A1; S^{B1}; \\ f_z, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; \end{matrix} = Q00; \sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \cdot Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + n_i - n - j_i - 1)!}{(n_s + n_i - n - j_i)!}$$

$$\frac{(n - 1 - 1)!}{(n - j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - 1 - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_{sa}^{ik} - 1 - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})!}{(j_{ik} - j_{sa} - j^{sa} - l_{ik} - j_{sa}^{ik} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}^{ik})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_i + n - D - s)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

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$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - 1)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - 1)!}{(j_s + l_{ik} - j_{ik} - l_s - 1)! \cdot (j_{ik} - j_s - 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})!}{(j_{ik} + l_{sa} - j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}^{ik})!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q0; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-1+1)}$$

$$\sum_{(j_s=j_{sa}^{ik}-1)}^{l_{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

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$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} - l_{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-1+1)} \sum_{j_i=j_{ik}+j_{sa}^{ik}-j_{sa}}^{(D-s+1)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7+Q8}^{(n_i-j_s-Q2)+1} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9); n_{ik}=n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-l_{k2})}^{()} \sum_{n_s=n_{sa}+j_{sa}-j_i-l_{k3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$$(D > n) \wedge n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge l \neq j_{sa} \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa})) \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, j_{sa}^i, Q4; j_{sa}^s, j_{sa}^{ik}, j_{sa}^i\}$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A; B1; fz, C1, j_{sa}^s, j_{ik}, j^{sa}, j_i, D1; = Q00; \left(\sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{k-1+1} \sum_{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{sa})!}$$

$$\frac{(n - l_i)!}{(n - j_i)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{D-s} \sum_{(j_s=2)}$$

$$\sum_{j_i = l_{ik} + n}^{l_i + j_{sa}^{ik} - D - s - 1} \sum_{j_s = l_s - 1 + 1} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$Q6; \sum_{n_i = n + k_2 + k_3 + Q8; -j_s + Q9;}^{j_s - j_s + 1} \sum_{n_{is} + j_s - j_{ik} - k_1}^{n_{is} + j_s - j_{ik} - k_1}$$

$$\sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{n_s = n + Q8; -j_i + Q9;}^{n_{sa} + j^{sa} - j_i - k_3} \quad Q05;$$

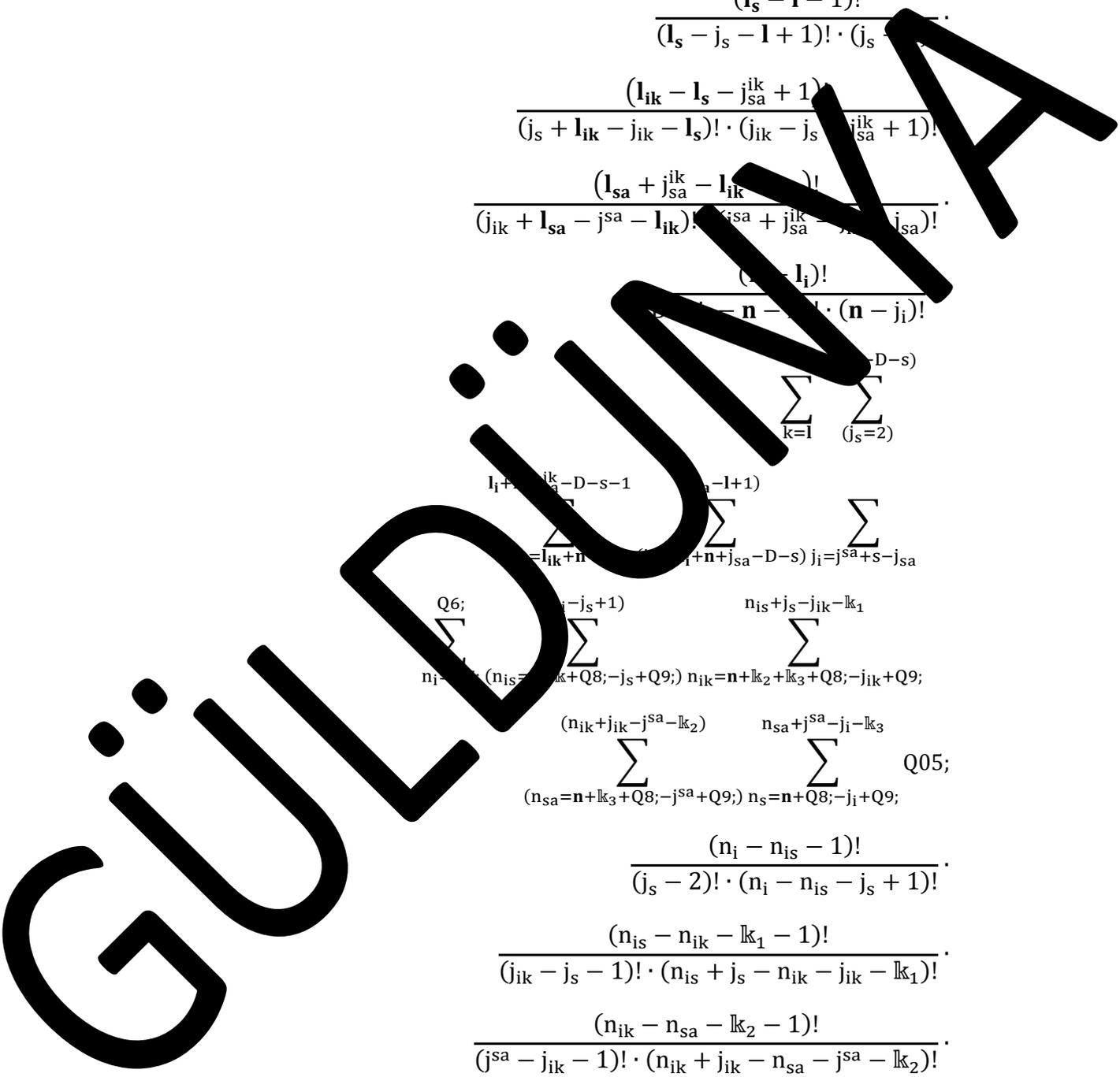
$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(l_s - l - 1)$$

$$\sum_{j_s=l_i+n-D-s}^{l_s-l-1}$$

$$\sum_{j_{ik}=l_{sa}-1}^{l_{ik}-1} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{(l_{sa}-l+1)}$$

$$\sum_{n_i=Q_7; (n_{is}=n+l_{ik}+Q_8; -j_s+Q_9)}^{Q_6; (n_i-j_s+1)}$$

$$\sum_{(n_i=n+l_{k_3}+Q_8; -j_{sa}+Q_9)}^{(n_i-j_s+1)}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q_06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

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$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \left(\sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{(n_i=l_i-1+1)}^{(n_i-1+1)}$$

$$\sum_{n_i=Q7; (n_i=n+k+Q8; -j_{sa}^{ik})}^{Q6; (n_i-j_s+1)} \sum_{(n_{sa}=n+k_2+Q8; -j_{ik}+Q9)}^{(n_{sa}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n+k_3+Q8; -j_i+Q9)}^{(n_{sa}+j_s-j_{ik}-k_1)}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

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$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{(I_i + n - D - s)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=I_{ik}+n-D}^{I_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=I_i+n+j_{sa}-D-s)}^{(I_{sa}-I+1)} \sum_{j_i=I_i+s-j_{sa}+1}^{I_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9); n_{ik}+n+k_2+k_3+Q_{10}+Q9;}$$

$$\sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)}^{n_{is}+j_s-j_{ik}} \sum_{(n_{sa}+j^{sa}-j_i-k_3)}^{Q05;}$$

$$\sum_{(n_{sa}=n+k_3+Q_{11}; n_{sa}+Q9; n_{ik}+Q_{12}; n_{is}+Q9;}$$

$$\frac{(n_{is} - 1)!}{(n_{is} - 2)! \cdot (n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - k_1 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(I_i + j_{sa} - I_{sa} - s)!}{(j^{sa} + I_i - j_i - I_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=1}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{(l_i+n-D-s)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}^{ik}+1}^{l_i-l+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-j_{sa}^{ik}-k_3)}^{(n_{sa}+j_{sa}-j_{sa}^{ik}-k_3)} \quad Q05;$$

$$\frac{(n_i - n_s - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s + n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{is} + j_s + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-1+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-1+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-1+1)} \sum_{j_i=j_{sa}+s-j_{sa}^{ik}+1}^{l_i-1+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-j_{sa}^{ik}-k_3)}^{(n_{sa}+j_{sa}-j_{sa}^{ik}-k_3)} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s + 2)! \cdot (n_{is} + j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{is} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \cdot$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) Q04;$$

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$$Q000; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_i+n-D-s+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j}$$

$$Q20; \sum_{n_i=Q7;+Q22;} \sum_{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{sa})} \sum_{(n_s=n_{sa}+j_{sa}^{sa}-j_i)}$$

$$\frac{(n_s - j_i - n - Q5 - j_{sa}^{sa})!}{(n_s - j_i - n - Q5 - j_{sa}^{sa})! \cdot (l_s - j_s - s)!} \cdot \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s = l - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{sa} + 1 \wedge$$

$$1 \leq j_{ik} - j_{sa}^{ik} + j_s + j_{sa}^{ik} - 1 \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_i = j_i + j_{sa}^{sa} \wedge j_{sa}^{sa} + j_{sa} \leq j_i < n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i + s - j_{sa}^{sa} < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q1 \wedge$$

$$j_{sa}^{sa} < j_{sa}^{sa} \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{sa} < j_{sa}^{ik} - 1 \wedge$$

$$s \in \{Q3; j_{sa}^{sa}, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=l_{sa}+n+s-D}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}-j_{sa}^{sa})}^{(n_{sa}-j_{sa}^{sa})} Q05;$$

$$\frac{(n_s - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s - 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=l_{ik}+s-1-j_{sa}^{ik}+2}^{l_{sa}+s-1-j_{sa}+1}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{i_k}=n+l_k+l_{k_3}+Q8;-j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - l_{k_1} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - l_{k_1})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - l_{k_3})!}$$

$$Q000; \frac{(n_s - 1)!}{(n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(D - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}} \sum_{(j^{s_a}=j_i+j_{s_a}-s)}^{()} \sum_{j_i=l_{s_a}+n+s-D-j_{s_a}}^{l_{i_k}+s-1-j_{s_a}^{i_k}+1}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})}^{()} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s - j_{sa}^{ik}$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1$$

$$s: \{Q3; , j_{sa}^s, \dots, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}^s, \dots, l_{k_3}, \dots, Q4; j_{sa}^s\}$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_{k_1} = l_{k_2} + l_{k_3} \Rightarrow$$

$$\sum_{fz, C1; \Rightarrow j_s}^{A1; S B1; j_{ik}, j_{sa}^{sa}, j_i, D1;} = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_{k_1}+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l_i - 1)!}{(l_s - l_i - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q000; $\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$

$$\sum_{j_{ik}=j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{ik}+s-1-j_{sa}^{ik}+1}$$

$$\sum_{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, \dots, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}, \dots, l_{k_3}, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_k = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$A1; S^{B1}; f; C1; \Rightarrow j_s, j_{ik}, j_{sa}^{ik}, \dots; = Q4; \sum_{j_i=j_{ik}-j_{sa}^{ik}+1} \sum_{j_s=1}^{I_s+s-1} \sum_{j_{sa}=j_{sa}^{ik}+1}^{I_s+s-1} \sum_{j_{sa}^i=j_{sa}^{ik}+1}^{I_s+s-1} \sum_{j_{sa}^s=j_{sa}^{ik}+1}^{I_s+s-1} \sum_{j_{sa}^{ik}=j_{sa}^{ik}+1}^{I_s+s-1} \sum_{j_i=j_i+j_{sa}-s}^{j_i+j_{sa}-s} j_i = l_{sa} + n + s - D - j_{sa} \sum_{n_i=Q6; n_i+l_{k_1}+Q8; -j_s+Q9;)}^{n_i+l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9;} \sum_{n_{is}=n+l_{k_3}+Q8; -j^{sa}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k_1}} \sum_{n_s=n+Q8; -j_i+Q9;}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_{sa}=j^{sa}-j_i-l_{k_3}}^{(n_{sa}+j^{sa}-j_i-l_{k_3})} Q05; \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!} \cdot \frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k_2})!} \cdot \frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q0; \sum_{k=1}^{j_i} (j_s = j_{ik} - j_{sa}^{ik})$$

$$\sum_{j_{ik}=1}^{l_s - (j_{sa}^{ik} + j_{sa} - s)} \sum_{j_i = j_{sa}^{ik} - l + 1}^{+s - l - j_{sa} + 1}$$

$$\sum_{n=Q6; (n_{is} = n + Q8; -j_s + Q9;)}^{(n_i - j_s + 1)} \sum_{k=1}^{j_s - j_{ik} - k_1} \sum_{k=n+k_2+k_3+Q8; -j_{ik}+Q9;}$$

$$\sum_{(n_{is} = n + k_3 + Q8; -j_{sa} + Q9;)}^{(n_{is} = n + k_3 + Q8; -j_{sa} + Q9;)} \sum_{n_s = n + Q8; -j_i + Q9;}^{n_{sa} + j_{sa} - j_i - k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

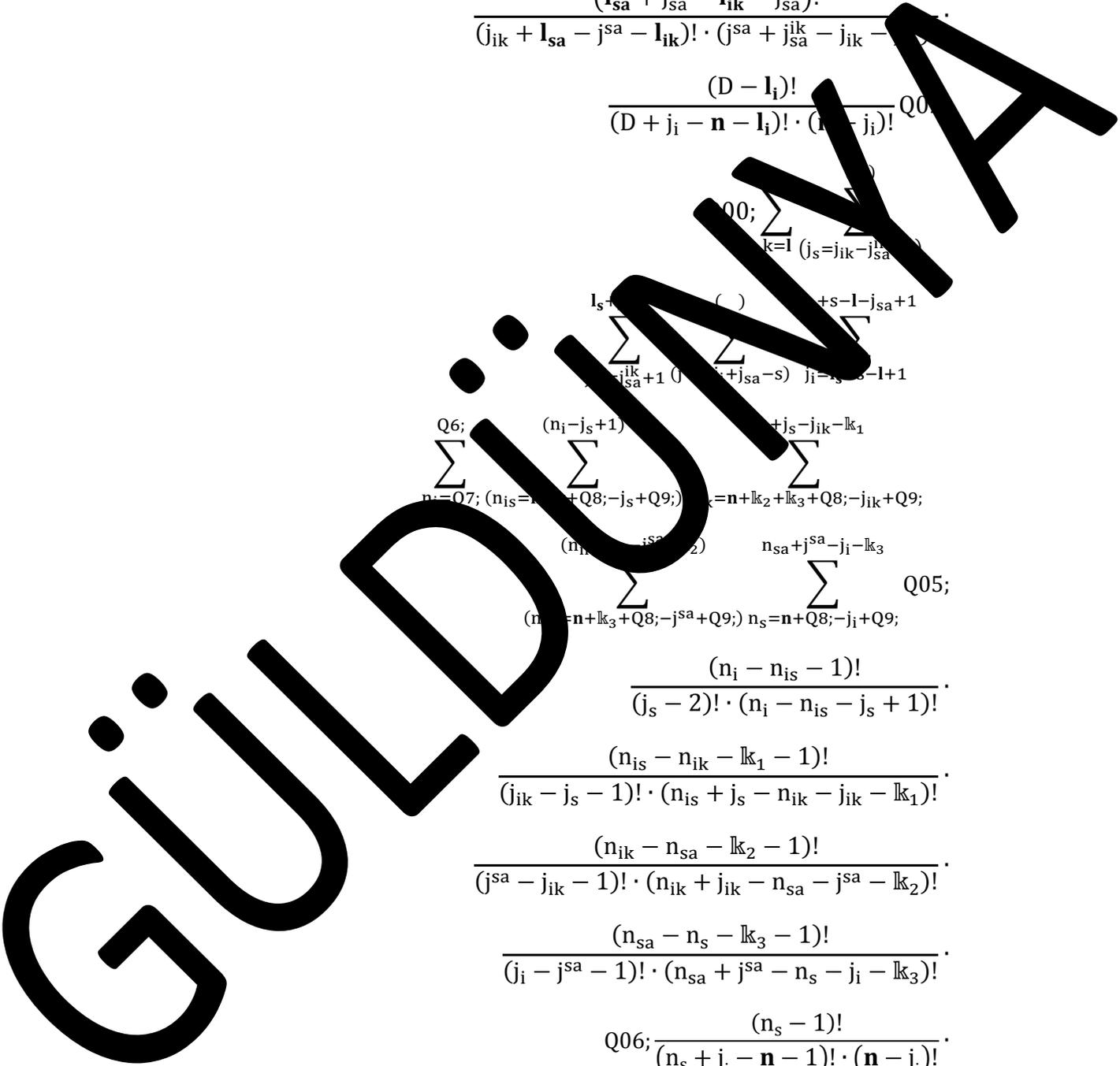
$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$



$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}}^{(\)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\)} \sum_{j_i=I_{sa}}^{I_s+s-1} \sum_{j_s=D-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22;}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+k+Q8;-j_s-Q9;)}^{(n_{ik}=n_{is}+j_s-k_1)}$$

$$\frac{(n_{sa}=n_{ik}-j_{sa}-k_2) \sum_{j_s=j_i-k_3}^{(\)}}{(n_s - j_i - j_s - Q31;)!} \cdot \frac{(n + j_i - n - Q_{sa} - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}{(I_s - 1 - 1)! \cdot (j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge I_i \neq 1 \wedge I_s \leq D - n - 1 \wedge$$

$$D + I_{ik} + s - I_i - j_i + 2 \leq I_i \leq I_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} - 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$I_{ik} - j_{sa}^{ik} + 1 \leq I_s \wedge I_s - j_{sa}^{ik} - j_{sa} > I_{ik} \wedge I_i + j_{sa} - s = I_{sa} \wedge$$

$$D - j_{sa}^{ik} - n < I_{sa} \leq D + I_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa}^{ik} - j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$f_{z,C1;A1;S^B1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; } = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-1-j_{sa}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k_1})}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{sa}-j_{ik}-n_{sa}-j^{sa}-l_{k_2})}^{(n_{sa}-j_{ik}-n_{sa}-j^{sa}-l_{k_2})} Q05;$$

$$\frac{(n_s - n_{ik} - l_{k_1} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+j_{sa}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-1}$$

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$$\sum_{n_i=Q7; +Q22;}^{Q20;} \sum_{(n_{i_s}=\mathbf{n}+\mathbf{k}+Q8; -j_s+Q9;)}^{(n_i-j_s-Q23; +1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-\mathbf{k}_1} \sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-\mathbf{k}_2)}^{(\quad)} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-\mathbf{k}_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; -j_{s_a}^s)! \cdot (n + j^{s_a} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_s - Q31;)!}{(l_s - j_s - Q31; - 1)! \cdot (l_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - \mathbf{n} - l_i - Q31; - 1)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge l_i \neq j_i \wedge l_s \leq D - \mathbf{n} + 1 \wedge$$

$$2 \leq l_i \leq D + l_s + s - \mathbf{n} - l_i \wedge$$

$$1 \leq j_s \leq j_{i_k} - j_{s_a}^{i_k} + 1 \wedge j_s + j_{s_a}^{i_k} - 1 \leq j_s \leq j^{s_a} + j_{s_a}^{i_k} - 1 \wedge$$

$$j^{s_a} = j_i + j_{s_a} - s \wedge j^{s_a} + s - j_{s_a} \leq j_i \leq \mathbf{n} \wedge$$

$$l_{i_k} - j_{s_a}^{i_k} + 1 > l_s \wedge l_{s_a} + j_{s_a}^{i_k} - j_{s_a} = l_{i_k} + j_{s_a} \wedge$$

$$D + s - \mathbf{n} < l_i \leq D + l_s + s - \mathbf{n} - 1 \wedge$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge Q2,$$

$$j_s < j_{s_a}^{i_k} - 1 \wedge j_{s_a}^{i_k} < j_{s_a} - 1 \wedge j_{s_a}^s < j_{s_a}^{i_k} - 1 \wedge$$

$$s: \{Q3; j_{s_a}^s, \dots, \mathbf{k}_1, j_{i_k}, \dots, \mathbf{k}_2, \dots, \mathbf{k}_3, j_{s_a}, Q4; \} \wedge$$

$$s \geq 7, \dots = s + Q5; \wedge$$

$$\mathbf{k}_z: z = 3 \wedge \dots = \mathbf{k}_1 + \dots + \mathbf{k}_3 \Rightarrow$$

$$\sum_{fz, C1; \Rightarrow j_s, j_{i_k}, j^{s_a}, j_i, D1;}^{A1; S B1;} = Q00; \sum_{k=1}^{(j_{i_k}-j_{s_a}^{i_k}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}} \sum_{(j^{s_a}=j_i+j_{s_a}-s)}^{(\quad)} \sum_{j_i=l_{s_a}+\mathbf{n}+s-D-j_{s_a}}^{l_s+s-1}$$

$$\sum_{n_i=Q7; (n_{i_s}=\mathbf{n}+\mathbf{k}+Q8; -j_s+Q9;)}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{i_k}=\mathbf{n}+\mathbf{k}_2+\mathbf{k}_3+Q8; -j_{i_k}+Q9;}^{n_{i_s}+j_s-j_{i_k}-\mathbf{k}_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)} \text{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - k_2)!} \cdot \frac{(n_{sa} - n_{sa} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_{sa} - n_s - j_i - k_3)!} \cdot \frac{(n_{sa} - 1)!}{(n_s + 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^k + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^k + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{Q02;}$$

$$\text{Q00; } \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_s+s-l+1}^{()} \sum_{j_i=l_s+s-l+1}^{l_{sa}+s-l-j_{sa}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)} \sum_{(n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)} \text{Q6;}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)} \text{Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

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$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l_i - 1)!}{(l_s - j_i - l_i + 1)! \cdot (j_i - l_i - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa} + 1)!}{(j_s + l_{ik} - j_{sa} - 1)! \cdot (j_{ik} - j_{sa} - j_{sa} + 1)!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q000; $\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^k+1)}^{()}$

$$\sum_{j_{ik}=j_i-j_{sa}^k-j_{sa}}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-1}$$

Q23; $\sum_{(n_i-j_s-Q23+1)}^{()} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{()} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}^{()}$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}^{()}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

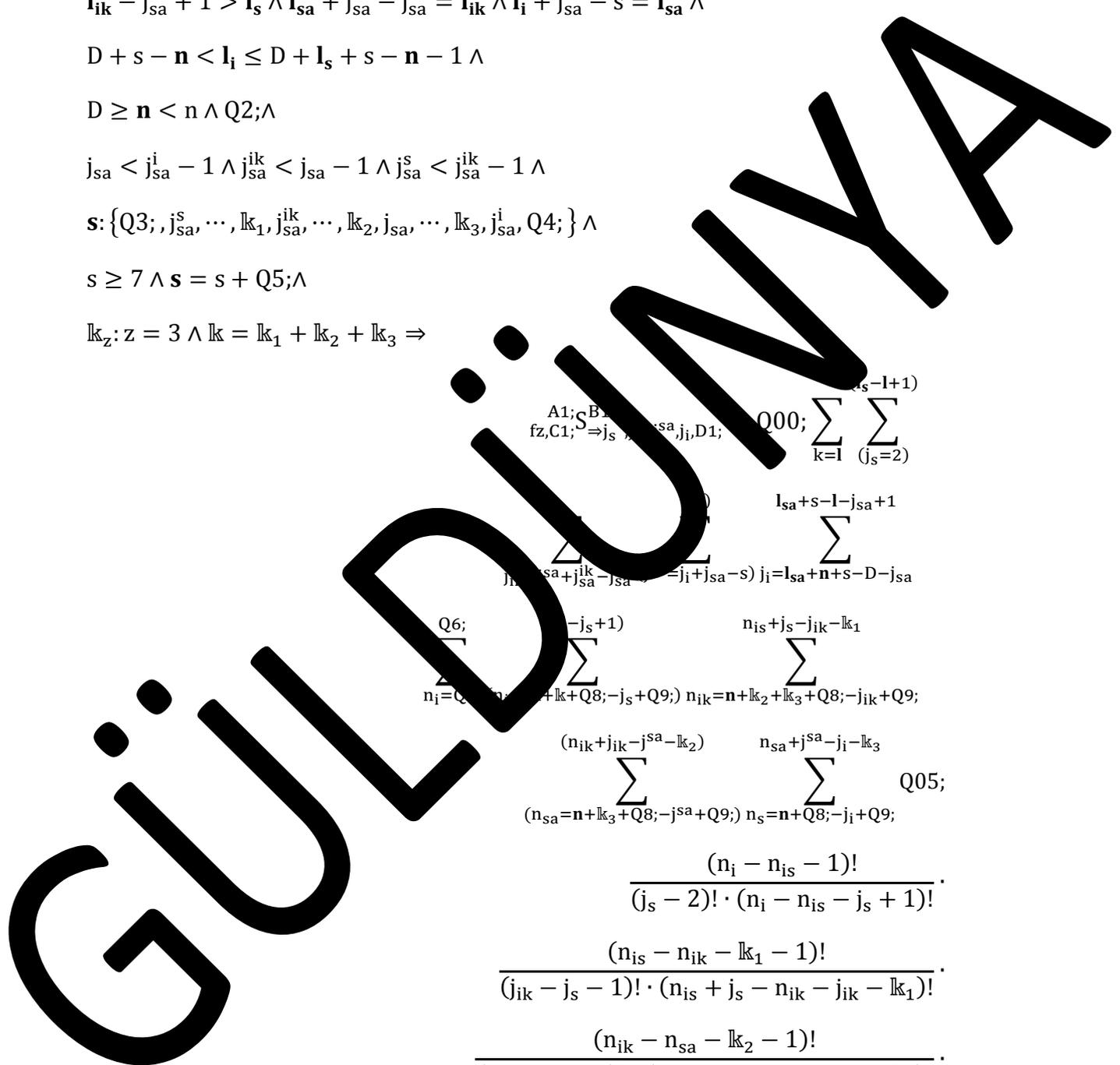
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{(j_s-1+1)} \sum_{(j_s=2)}^{(j_s-1+1)} Q00; \\
 & \sum_{(j_i=j_{sa}+j_{sa}^{ik}-j_{sa}-s=j_i+j_{sa}-s)}^{(j_i=j_{sa}+j_{sa}^{ik}-j_{sa}-s=j_i+j_{sa}-s)} \sum_{(j_i=l_{sa}+n+s-D-j_{sa})}^{(j_i=l_{sa}+n+s-D-j_{sa})} \\
 & \sum_{(n_i=Q6; -j_s+1)}^{(n_i=Q6; -j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_{sa}+j^{sa}-j_i-k_3)} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}
 \end{aligned}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}^{sa}}^{()} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{()} \sum_{(j_{sa}+n+s-D-j_{sa})}^{()}$$

$$Q000; \sum_{(n_i=j_s+Q23;+1)}^{()} \sum_{(n_i=Q7;+Q22; (n_{is}=Q8;-j_s+...))}^{()} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()}$$

$$\sum_{(j_{sa}=n_{ik}+j_{sa}-k_2)}^{()} \sum_{(n_s=n_{sa}+j_{sa}-j_i-k_3)}^{()}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - l_i \wedge$$

$$1 > j_s \leq j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{sa} = j_i + j_{sa} - s \wedge j_{sa}^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2;\wedge$$

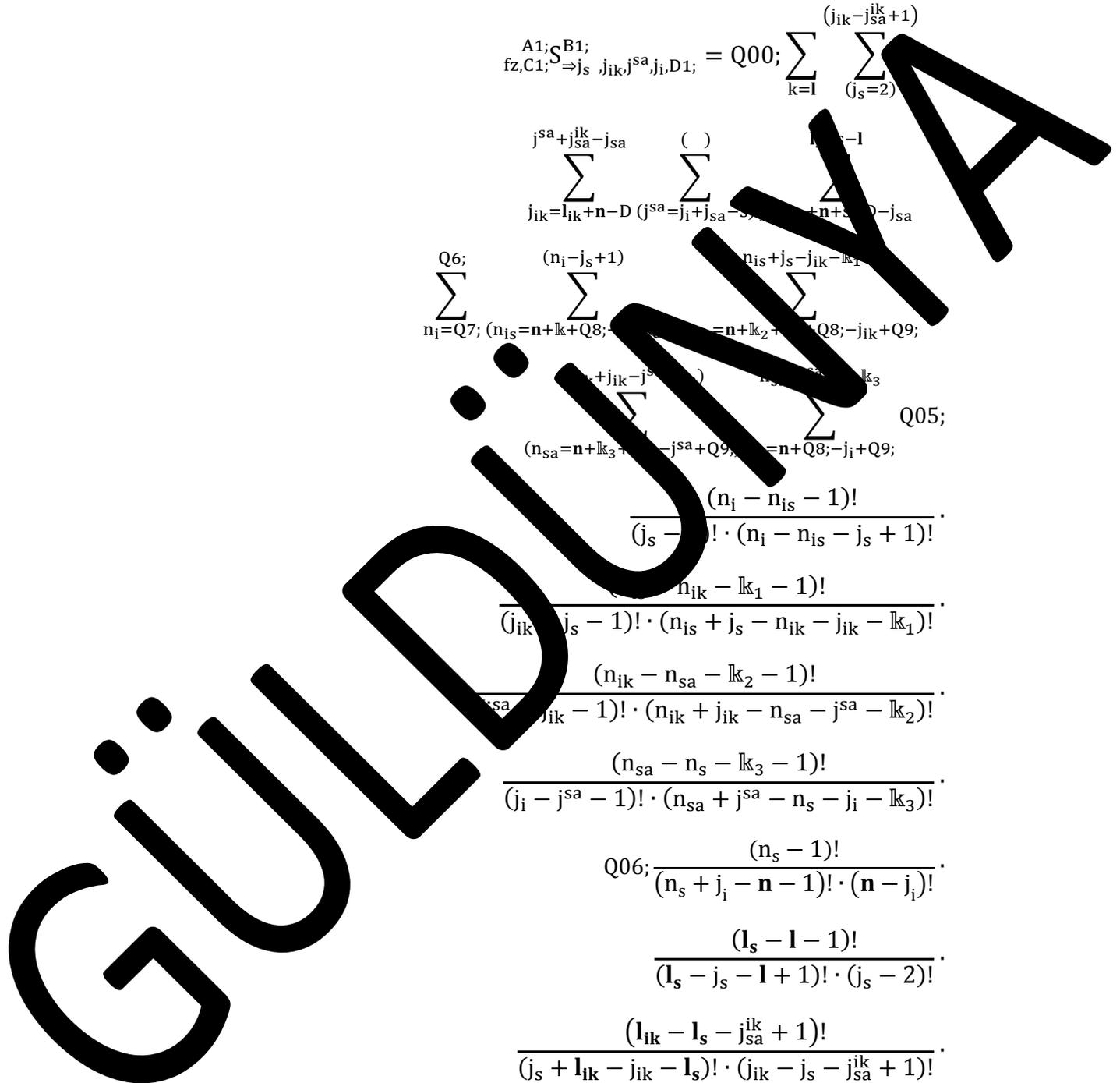
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}^i, j_i, D1; = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_i+j_{sa}-j_s)}^{(j_{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_{is}+j_s-j_{ik}-k_1)}^{(n_{is}+j_s-j_{ik}-k_1)} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;)}^{Q6; (n_i-j_s+1)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n+k_3+)}^{(n_{sa}=n+k_3+)} \sum_{(j_i-j_{sa}-1)}^{(j_i-j_{sa}-1)} \sum_{(n_{sa}+j_{sa}-n_s-j_i-k_3)}^{(n_{sa}+j_{sa}-n_s-j_i-k_3)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \\
 & \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;
 \end{aligned}$$



$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_s+s-1+}^{()} l_{ik}+s-1-j_{sa}^{ik}+1$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q}^{n_{is}+j_s-j_{ik}-k_1} -j_{ik}+Q9;$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}=n+k_3+Q8;-j_i+Q)}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\frac{(n_i - n_s - 1)!}{(j_s - 2)! \cdot (n_s + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

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$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+2}^{l_{sa}+s-l-j_{sa}+1}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n+l_{k3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k2})} \sum_{n_s=n+Q8; -j_s+Q9;}^{n_{sa}+j^{sa}-j_i-l_{k3}}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k1} - 1)!}{(j_{ik} - j_s - 2)! \cdot (j_s - l_{k1} - j_{ik} - l_{k1})!}$$

$$\frac{(n_{ik} - l_{k2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + l_{k2} - n_{sa} - j^{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_i + j^{sa} - n_s - j_i - l_{k3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l}$$

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$$\sum_{n_i=Q7; +Q22; (n_{iS}=\mathbf{n}+\mathbf{k}+Q8; -j_s+Q9;)}^{Q20; (n_i-j_s-Q23;+1)} \sum_{n_{iK}=\mathbf{n}_{iS}+j_s-j_{iK}-\mathbf{k}_1} \sum_{(n_{sA}=\mathbf{n}_{iK}+j_{iK}-j^{sA}-\mathbf{k}_2)}^{(\)} \sum_{n_s=\mathbf{n}_{sA}+j^{sA}-j_i-\mathbf{k}_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - \mathbf{n} - Q31; -j_{sA}^s)! \cdot (\mathbf{n} + j^{sA} - j_s - s)!} \cdot \frac{(l_s - 1 - j_{sA}^s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - \mathbf{n} - l_i)! \cdot (\mathbf{n} - j_i)!} \cdot Q44;$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge l \neq i \wedge l_s \leq D - \mathbf{n} + 1 \wedge$$

$$D + l_s + s - \mathbf{n} - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{iK} - j_{sA}^{iK} + 1 \wedge j_s + j_{sA}^{iK} - 1 \leq j_s^{sA} + j_{sA}^{iK} - 1 \wedge$$

$$j^{sA} = j_i + j_{sA} - s \wedge j^{sA} + s - j_{sA} \leq i \leq \mathbf{n} \wedge$$

$$l_{iK} - j_{sA}^{iK} + 1 > l_s \wedge l_{sA} + j_{sA}^{iK} - j_{sA} > l_{iK} \wedge l_{sA} + j_{sA} \leq l_{iK} \wedge$$

$$D + s - \mathbf{n} < l_i \leq D + l_s + s - \mathbf{n} - 1 \wedge$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge Q2,$$

$$j_{iK} < j_{sA}^{iK} - 1 \wedge j_{sA}^{iK} < j_{sA} - 1 \wedge j_{sA}^s < j_{sA}^{iK} - 1 \wedge$$

$$s: \{Q3; , j_{sA}^s, \dots, \mathbf{k}_1, \mathbf{k}_2, \dots, \mathbf{k}_3, j_{sA}, Q4; \} \wedge$$

$$s \geq 7, \dots = s + Q5; \wedge$$

$$\mathbf{k}_z: z = 3 \wedge \mathbf{k}_z = \mathbf{k}_1 + \mathbf{k}_2 + \mathbf{k}_3 \Rightarrow$$

$$A1; S B1; f_z, C1; \Rightarrow j_s, j_{iK}, j^{sA}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{iK}=l_{iK}+\mathbf{n}-D}^{l_{iK}-1+1} \sum_{(j^{sA}=j_i+j_{sA}-s)}^{(\)} \sum_{j_i=l_{sA}+\mathbf{n}+s-D-j_{sA}}^{l_{sA}+s-1-j_{sA}+1}$$

$$\sum_{n_i=Q7; (n_{iS}=\mathbf{n}+\mathbf{k}+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{iK}=\mathbf{n}+\mathbf{k}_2+\mathbf{k}_3+Q8; -j_{iK}+Q9;}^{n_{iS}+j_s-j_{iK}-\mathbf{k}_1}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{n_s=n+Q_8; -j_i+Q_9;}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - l_{k_2})!} \cdot$$

$$\frac{(n_{sa} - n_{is} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_{is} - j_i - l_{k_3})!} \cdot$$

$$\frac{(n_{is} - 1)!}{(n_s + 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-1}$$

$$Q20; \sum_{n_i=Q_7;+Q_{22};}^{(n_i-j_s-Q_{23}+1)} \sum_{(n_{is}=n+l_{k_3}+Q_8; -j_s+Q_9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s \leq l_{sa}$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^s, \dots, k_3, \dots, Q4; j_{sa}^s\}$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 =$$

$$\sum_{fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}^{ik}, j_i, D1; }^{A1; S^{B1};} = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} (l_{ik}+j_{sa}-1-j_{sa}^{ik}+1) \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l_i - 1)!}{(l_s + l_i - l + 1)! \cdot (l - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

Q02; $\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!}$

Q00; $\sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$

$$\sum_{j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

Q6; $\sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}$

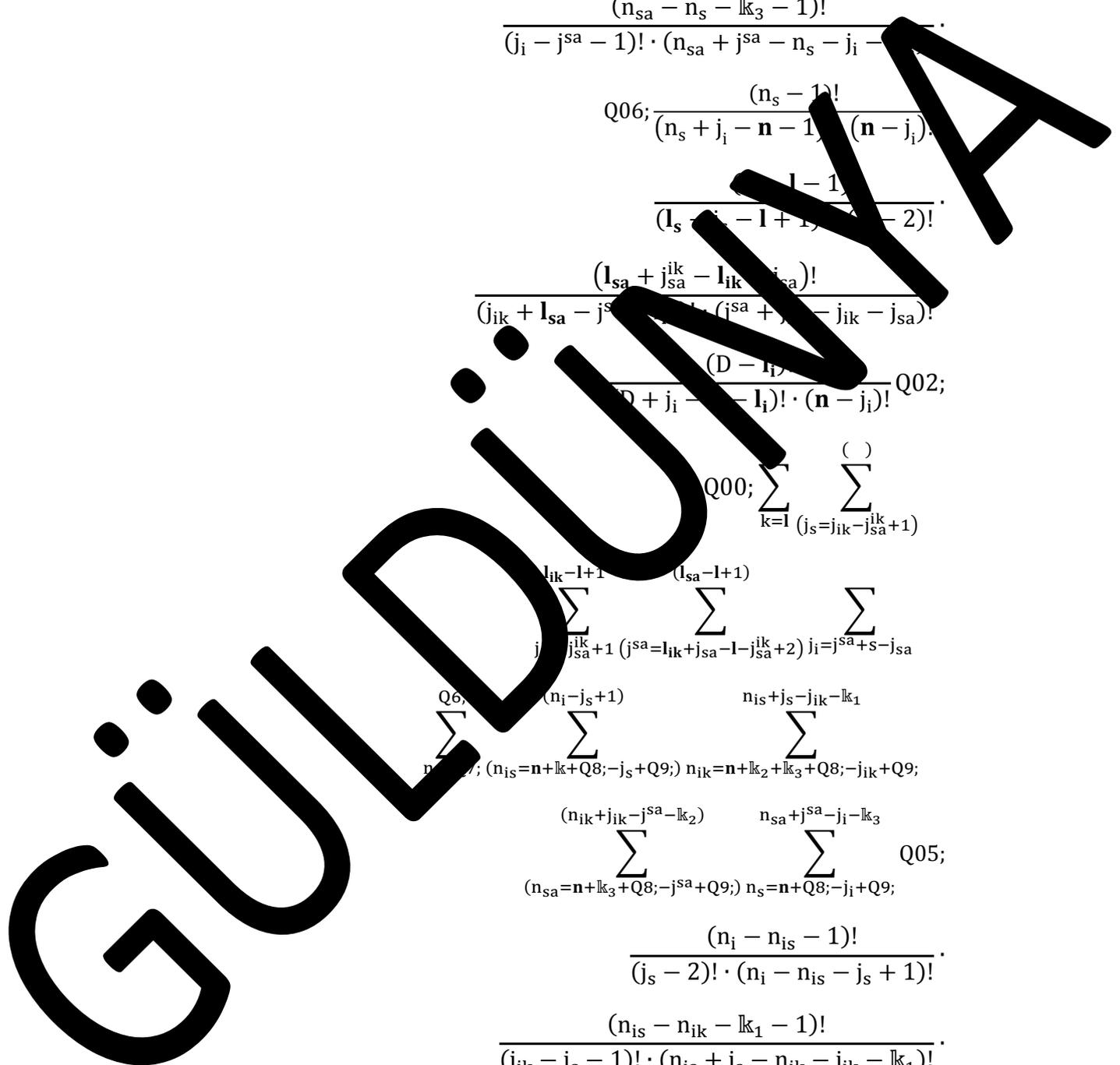
Q05; $\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_{sa}+j^{sa}-j_i-k_3)}$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa}^{sa} - l_{ik})! \cdot (j_{sa}^{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q00; \sum_{k=1}^n (j_s = j_{ik} - j_{sa}^{sa})$$

$$\sum_{j_{ik}=j_{sa}^{sa} - j_{sa}}^{\sum_{j_{ik}=j_{sa}^{sa} - j_{sa}^{sa} + n - D}} (j_i - j_s - j_{sa})$$

$$Q20; (n_i - j_s - Q23; +1)$$

$$\sum_{n_i=Q7;+Q2}^{\sum_{n_i=n+k+Q8;+Q9;}} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{sa}-k_2)} \sum_{n_s=n_{sa}+j_{sa}^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(l_{sa} - j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D + l_{sa} - n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq l_i - 1 \wedge$$

$$1 - j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{sa} = j_i + j_{sa} - s \wedge j_{sa}^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$D \geq n < n \wedge Q2; \wedge$

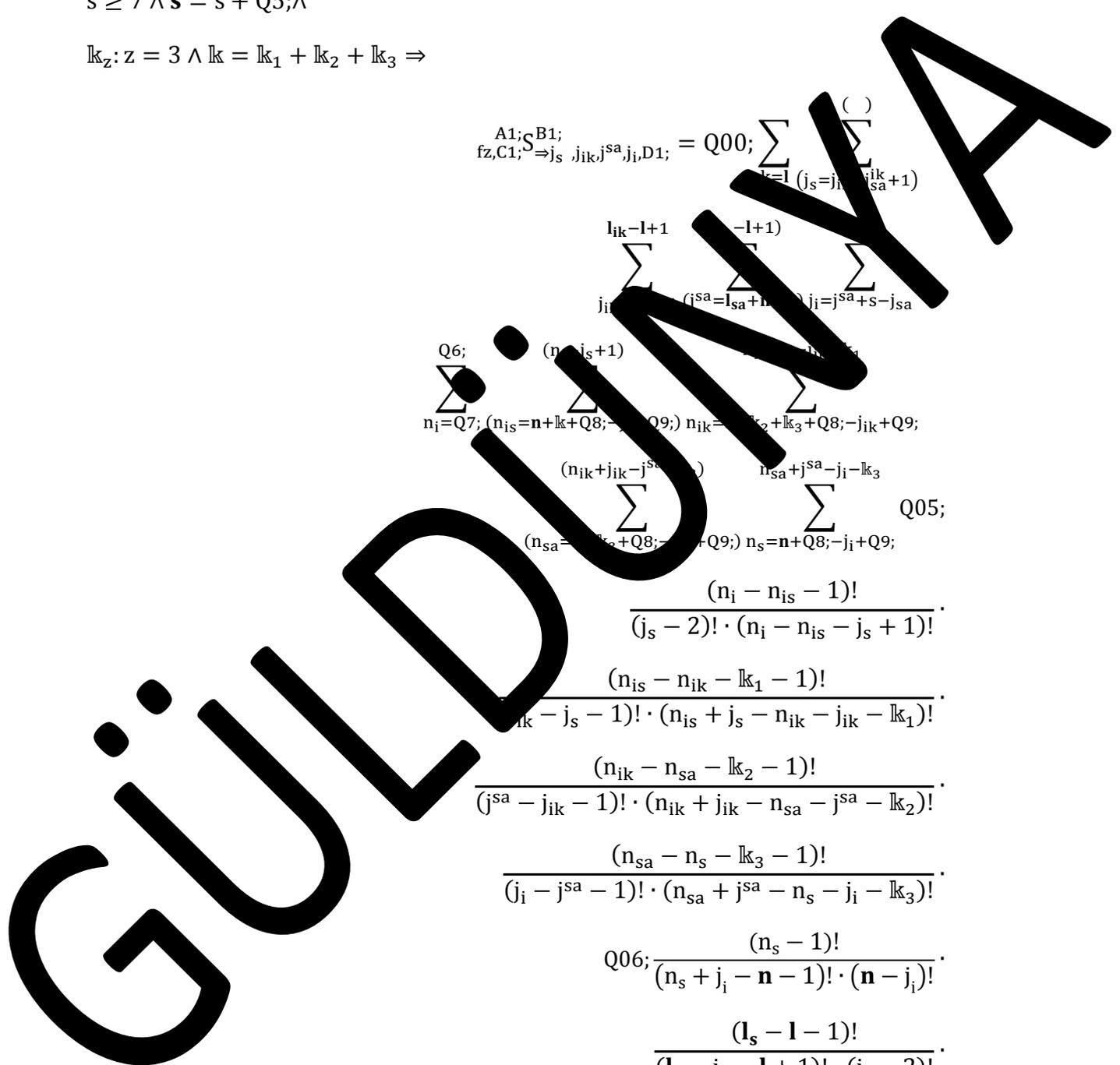
$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \geq 7 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$$\begin{aligned}
 & \overset{A1; S^{B1};}{fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; } = Q00; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}^{ik}+1)} \\
 & \sum_{j_i}^{l_{ik}-l+1} \sum_{(j_{sa}=l_{sa}+l)} \sum_{(j_i=j_{sa}+s-j_{sa})}^{l-1+1} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8; \dots, Q9;)}^{Q6; (n_{is}+1)} \sum_{(n_{sa}=k_2+k_3+Q8; -j_{ik}+Q9;)} \sum_{(n_{sa}+j_{sa}-j_i-k_3)}^{(n_{ik}+j_{ik}-j_{sa})} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{(n_{sa}+j_{sa}-j_i-k_3)} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(n_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \cdot \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;
 \end{aligned}$$



$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-1-j_{sa}^{ik}+1)} \sum_{(j_{sa}=l_{sa}+n-D)} \sum_{j_i=j_{sa}+s}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_i=j_s-Q23;+1)} \sum_{(n_i=n+lk+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}-j_{ik}-lk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-n_{is}=n_{sa}+j_{sa}-j_i)}$$

$$\frac{(n_s + \dots - Q5)!}{(n_s + j_i - \dots - Q3)! \cdot (j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - \dots + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - \dots - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + j_{sa} + j_{sa}^{ik} - 1 \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^s = j_i + j_{sa} - j_{sa} \wedge j_{sa} + s - j_{sa} \leq j_i \wedge n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_s + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - j_{sa}^{ik} \leq l_{sa} \leq D - l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q4;$$

$$j_{sa} < j_{sa}^i \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; \dots, lk_1, j_{sa}^{ik}, \dots, lk_2, j_{sa}, \dots, lk_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$lk_z: z = 3 \wedge lk = lk_1 + lk_2 + lk_3 \Rightarrow$$

$$A1; S^{B1}; f_{z,C1}; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-1)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k3}+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-l_{k1})}$$

$$\sum_{(n_{sa}=n+l_{k3}+Q8;-j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k2})} \sum_{(n_{sa}-j_{sa}-l_{k3})}^{(n_{sa}-j_{sa}-l_{k3})} Q05;$$

$$\frac{(n_s - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=n+l_{k_2}+l_{k_3}+Q8;-j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n+l_{k_3}+Q8;-j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - l_{k_1} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - l_{k_1})!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - l_{k_2})!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - l_{k_3})!}$$

$$Q000; \frac{(n_s - 1)!}{(n - j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(D - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{s_a} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}$$

$$\sum_{j_{i_k}=j^{s_a}+j_{s_a}^{i_k}-j_{s_a}}^{(l_s+j_{s_a}-1)} \sum_{(j^{s_a}=l_{s_a}+n-D)} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_{i_s}=n+l_k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{i_k}=n_{i_s}+j_s-j_{i_k}-l_{k_1}}$$

$$\sum_{(n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-l_{k_2})}^{(\quad)} \sum_{n_s=n_{s_a}+j^{s_a}-j_i-l_{k_3}}$$

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$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q44;$$

$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq l - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s - l_{sa}$

$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - j_{sa}^{ik} \wedge$

$D \geq n < n \wedge Q2; \wedge$

$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, \dots\} \wedge Q4; j$

$s \geq 7 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$\sum_{k=1}^{A1;S^B1; fZ,C1; \Rightarrow j_s} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$

$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$

$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - l_i - 1)!}{(l_s - l_i - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - j_{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q000; $\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$

$$\sum_{k=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

Q07;+Q22; $\sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

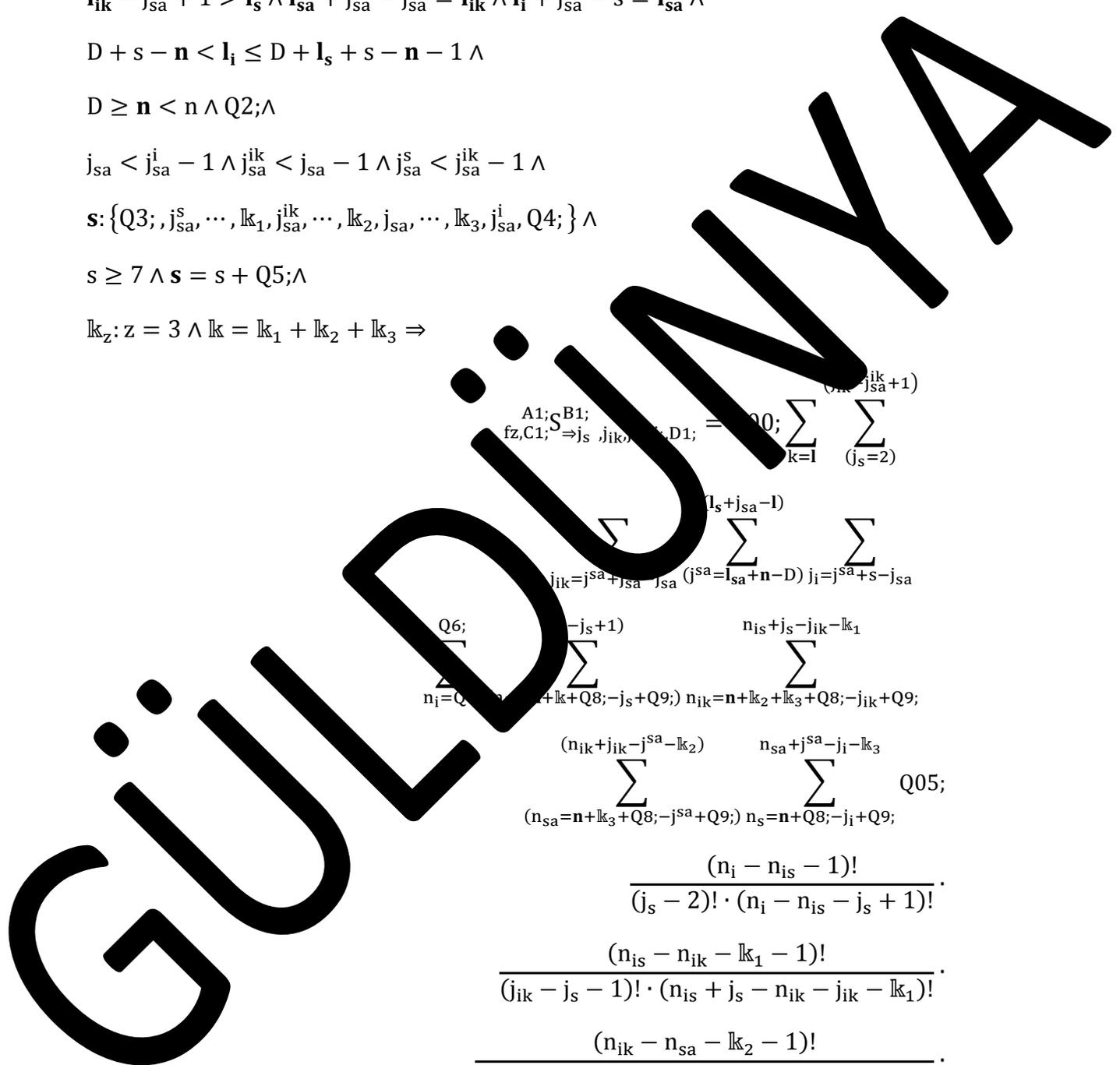
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; j\} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned} & \sum_{k=1}^{(n_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{(n_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_{ik}=j^{sa} + j_{sa} - j_{sa})}^{(1_s + j_{sa} - 1)} \sum_{(j_i=j^{sa} + s - j_{sa})}^{(j_s + 1)} \\ & \sum_{(n_i=Q6; n_i + k + Q8; -j_s + Q9;)}^{(n_{ik} + j_{ik} - j^{sa} - k_2)} \sum_{(n_{sa} + j^{sa} - j_i - k_3)}^{(n_{is} + j_s - j_{ik} - k_1)} \sum_{(n_{sa} = n + k_3 + Q8; -j^{sa} + Q9;)}^{(n_{sa} + j^{sa} - j_i - k_3)} \sum_{(n_s = n + Q8; -j_i + Q9;)}^{(n_{is} + j_s - j_{ik} - k_1)} \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \end{aligned}$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q00;$$

$$\sum_{k=1}^{l_s - l + 1} \frac{1}{(j_s - k)!}$$

$$\sum_{j_{ik}=0}^{l_{sa} - l + 1} \sum_{j_{sa}=0}^{l_s - j_{sa} - 1} \sum_{j_{ik} - j_{sa} - 1 + 1}^{l_s - j_{sa} - 1 + 1}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9);} \sum_{n_s=n+l_k+l_3+Q8;-j_{ik}+Q9;} \sum_{n_{sa}=n+l_k+l_3+Q8;-j_{ik}+Q9;} \sum_{n_{sa}+j_{sa}-j_i-l_3}^{n_s-j_{ik}-l_1}$$

$$\sum_{(n_s=n+l_3+Q8;-j_{sa}+Q9);} \sum_{n_{sa}=n+l_3+Q8;-j_{sa}+Q9;} \sum_{n_{sa}+j_{sa}-j_i-l_3}^{n_s+n+Q8;-j_i+Q9;} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - l_{k2})!}$$

$$\frac{(n_{sa} - n_s - l_{k3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+j_{sa}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-1)} \sum_{j_{sa}^s+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_{sa}^{ik}+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-k_1}$$

$$\frac{(n_{sa}=n_{ik}-j_{sa}-k_2) \sum_{j_{sa}^s-j_i-k_3}^{(\)}}{(n_s - j_i - j_s - Q31;)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq 1 \wedge l_s \leq D - n - 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq j_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} - 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j_{sa}^{ik} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{ik} = j_{sa}^{ik} - s \wedge j_{sa}^{ik} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D - l_s - 1 \leq l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa}^{ik} - j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_z, C1; \Rightarrow j_s, j_{ik}, j_{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);} \sum_{(n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1}$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\frac{(n_i - n_s - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{sa} - 1)! \cdot (n_{is} + j_s - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$Q04; \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7; +Q22;}^{Q20;} \sum_{(n_i-j_s-Q23; +1)}^{(n_i-j_s-Q23; +1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$

$D \geq n < n \wedge Q2,$

$j_s < j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, \dots, k_3, j_{sa}, Q4; \} \wedge$

$s \geq 7, \dots = s + Q5; \wedge$

$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$\overset{A1; S^{B1};}{fz, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$

$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; }^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - l_i) \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - j_{sa}^{ik} + 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - n_i - n - j_i - 1)!}{(n_s - n_i - n - j_i)!}$$

$$\frac{(n_i - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - 1 - j_{sa}^{ik} - 1)!}{(j_s + l_{ik} - j_{ik} - l_{sa}^{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - l_{sa})!}{(j_{ik} - l_{sa} - j^{sa} - l_{ik} - 1)! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j^{sa}=l_{ik}+j_{sa}-1-j_{sa}^{ik}+2)}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

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$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - 1)!}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - 1)!}{(j_s + l_{ik} - j_{ik} - l_s - 1)! \cdot (j_{ik} - j_s - 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})!}{(j_{ik} + l_{sa} - j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}^{ik})!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q00; $\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$

$$\sum_{k=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{(n_i-j_s-Q23;+1)} \sum_{(n_i=n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_i=n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

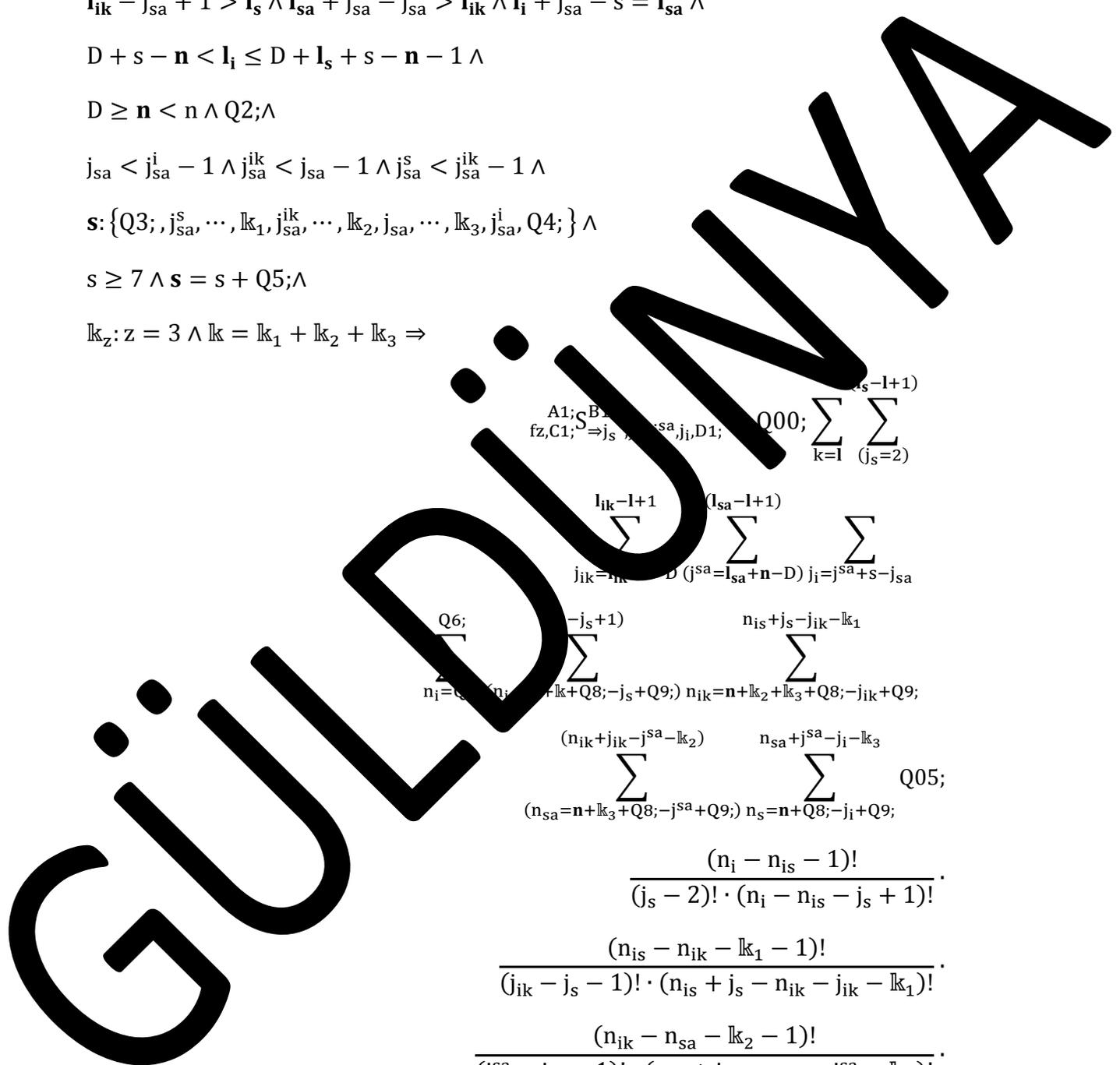
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{k=1}^{k_s-1+1} \sum_{(j_s=2)}^{Q00; } \\
 & \sum_{j_{ik}=l_{ik}}^{l_{ik}-1+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \sum_{n_i=Q6; }^{Q6; } \sum_{(n_i+k+Q8;-j_s+Q9;)}^{(-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_i-k_3} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_{sa}+j^{sa}-j_i-k_3} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}
 \end{aligned}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q00;$$

$$\sum_{k=1}^{j_s} \sum_{j_s=j_{ik}-j_{sa}^{ik}}$$

$$\sum_{j_{ik}=j_{sa}^{ik}-j_{sa}}^{l_s+j_{sa}-1} \sum_{j_{sa}=l_{sa}+n-D}^{j_i-j_s} \sum_{j_{sa}^{ik}=j_{sa}^{ik}}$$

$$(n_i - j_i - Q23; +1)$$

$$\sum_{n_i=Q7;+Q2}^{n_i=n+l_k+Q8;+Q9;} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{ik}-l_{k2})} \sum_{n_s=n_{sa}+j_{sa}^{ik}-j_i-l_{k3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D > l_i \wedge n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - j_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{ik} = j_i + j_{sa} - s \wedge j_{sa}^{ik} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$D \geq n < n \wedge Q2; \wedge$

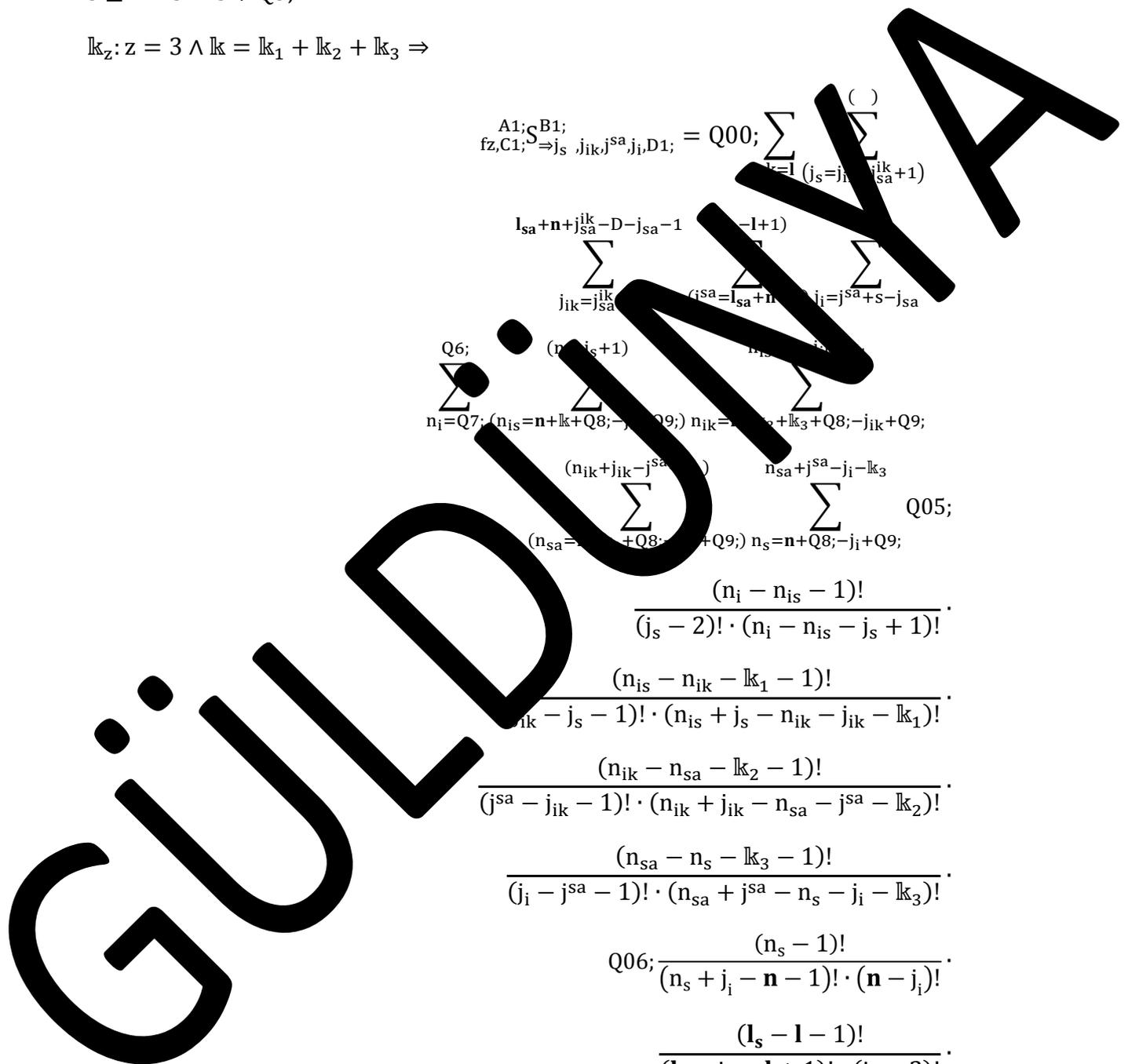
$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \geq 7 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$$\begin{aligned}
 & \sum_{k=1}^{()} \sum_{(j_s=j_{sa}^{ik}+1)} = Q00; \\
 & \sum_{j_{ik}=j_{sa}^{ik}}^{l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j_{sa}=l_{sa}+n)} \sum_{(j_i=j_{sa}^s-j_{sa}^{-l+1})} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-)}^{Q6; (n_{is}+1)} \sum_{(n_{ik}=n_{sa}+k_3+Q8;-j_{ik}+Q9;)} \sum_{(n_{sa}+j_{sa}^s-j_i-k_3)} \sum_{(n_{sa}=n_{sa}+Q8;-)} \sum_{(n_s=n+Q8;-j_i+Q9;)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(n_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;
 \end{aligned}$$



$$Q00; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_{ik}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-l_{k_1}} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_{10}; -j_{ik}+Q9;}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8; -j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-l_{k_2})} \sum_{(n_{sa}-j_{sa}-l_{k_3})} Q05;$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j_{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - l_{k_3})!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-l_{k1}} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k2})}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-l_{k3}} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j^{sa} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_{sa}^s)!}{(l_s - j_s - 1)! \cdot (l_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa}^{ik} - j_{sa} \leq l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2,$$

$$j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa}^{ik} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, l_{k1}, l_{k2}, \dots, l_{k2}, l_{k3}, j_{sa}, Q4; \} \wedge$$

$$s \geq 7, s = s + Q5; \wedge$$

$$l_{kz}: z = 3 \wedge l_{kz} = l_{k1} + l_{k2} + l_{k3} \Rightarrow$$

$$\sum_{fz,C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{A1; S B1;} = Q00; \sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8; -j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbb{k}_3+Q8; -j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8; -j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3} \quad Q05;$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - \mathbb{k}_1 - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)!}$$

$$\frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbb{k}_2)!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - \mathbb{k}_3)!}$$

$$Q00; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(D - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{s_a} + j_{s_a}^{i_k} - l_{i_k} - j_{s_a})!}{(j_{i_k} + j_{i_k} - j^{s_a} - l_{i_k})! \cdot (j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{i_k}-j_{s_a}^{i_k}+1)}$$

$$\sum_{j_{i_k}=l_{s_a}+\mathbf{n}+j_{s_a}^{i_k}-D-j_{s_a}}^{l_s+j_{s_a}^{i_k}-1} \sum_{(j^{s_a}=j_{i_k}+j_{s_a}-j_{s_a}^{i_k})}^{(l_{s_a}-l+1)} \sum_{j_i=j^{s_a}+s-j_{s_a}}$$

$$\sum_{n_i=Q7;}^{Q6;} \sum_{(n_{i_s}=\mathbf{n}+\mathbb{k}+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2+\mathbb{k}_3+Q8; -j_{i_k}+Q9;)}^{n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1}$$

$$\sum_{(n_{s_a}=\mathbf{n}+\mathbb{k}_3+Q8; -j^{s_a}+Q9;)}^{(n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}+Q8; -j_i+Q9;}^{n_{s_a}+j^{s_a}-j_i-\mathbb{k}_3} \quad Q05;$$

GÜLDÜZMAYA

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + j_i - n - j_i - 1)!}{(n_s + j_i - n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{ik} - l_{ik})! \cdot (n_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{(\)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

GUIDANCE

$$D \geq n < n \wedge l \neq i_1 \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^i - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$f_{z, s}^{(1); S^{B1}; \Rightarrow j_s, j_{ik}, j_{sa}^i, j_i, D} = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{(j_{ik}=l_{sa}+j_{sa}^{ik}-D-j_{sa})}^{(j_{sa}+j_{sa}^{ik}-1)} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(j_{sa}+j_{sa}^{ik}-1)} \sum_{(j_i=j_{sa}+s-j_{sa})}^{(j_{sa}+j_{sa}^{ik}-1)}$$

$$\sum_{(n_{is}=n+k+Q8;-j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9)}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_{sa}+j^{sa}-j_i-k_3)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

GÜLDÜNYA

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q00;$$

$$Q00; \sum_{k=1}^{j_s} \frac{(-1+1)^k}{(j_s - k)!}$$

$$\sum_{j_{ik}=l_s}^{l_{sa}+j_{sa}^{ik}-l-1} \sum_{j_{sa}^{ik}=0}^{j_{sa}^{ik}-1} \sum_{j_{sa}^{ik}=0}^{j_{sa}^{ik}-1} \dots$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+lk_2+Q8;-j_s+Q9);} \sum_{n_i=Q7; (n_{is}=n+lk_2+Q8;-j_s+Q9);} \sum_{n_i=Q7; (n_{is}=n+lk_2+Q8;-j_s+Q9);} \dots$$

$$Q05; \sum_{n_i=Q7; (n_{is}=n+lk_2+Q8;-j_s+Q9);} \sum_{n_i=Q7; (n_{is}=n+lk_2+Q8;-j_s+Q9);} \sum_{n_i=Q7; (n_{is}=n+lk_2+Q8;-j_s+Q9);} \dots$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

GÜLDENWA

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)}$$

$$\sum_{j_{ik}=I_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{I_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\)} \sum_{j_{sa}^{sa}+s-j_{sa}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s-Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{sa}-k_2)}^{(\)} \sum_{j_i-k_3} \frac{(n_s - j_s - Q31;)!}{((D + j_i - n - Q31 - j_{sa}^s)! \cdot (j_{sa}^s - j_s - s)!}$$

$$\frac{(I_s - I - 1)!}{(I - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge I \neq \dots \wedge I_s \leq D - n + \dots \wedge$$

$$D \cdot I_s + s - \dots - I_i + 1 \leq \dots \wedge$$

$$1 \leq \dots \leq j_{ik} - j_{sa}^{ik} \wedge j_s + \dots \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i - j_{sa} - s \wedge j^{sa} - \dots - j_{sa} \leq j_i \leq n \wedge$$

$$I_{ik} - j_{sa}^{ik} + 1 \leq \dots \wedge I_{ik} - j_{sa}^{ik} - j_{sa} = I_{ik} \wedge I_i + j_{sa} - s = I_{sa} \wedge$$

$$D - s - \dots \leq I_i \leq D + I_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2;\wedge$$

$$j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5;\wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; fz, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-1-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q9; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}-n_s-j_i+Q9;)}^{(j^{sa}-j_{ik}-k_3)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7; +Q22; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q20; (n_i-j_s-Q23; +1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s)!} \cdot \frac{(l_s - 1 - j_s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2,$$

$$j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa}^{ik} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, \dots, k_3, j_{sa}, Q4; \} \wedge$$

$$s \geq 7, s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{fz, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; }^{A1; S B1;} = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;} \sum_{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q_8; -j_i+Q_9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_{is} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_{is} - j_i - k_3)!} \cdot$$

$$\frac{(n_{is} - 1)!}{(n_s + 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q_7; (n_{is}=n+k+Q_8; -j_s+Q_9;)}^{Q_6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q_8; -j_i+Q_9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - n_i - n - j_i - 1)!}{(n_s + n_i - n - j_i)!}$$

$$\frac{(n - 1 - 1)!}{(n - j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - 1 - j_{sa}^{ik} - 1)!}{(j_s + l_{ik} - j_{ik} - l_{sa}^{ik} - j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} - 1 - l_{ik} - j_{sa}^{ik} - 1)!}{(j_{ik} - j_{sa} - j^{sa} - l_{ik} - j_{sa}^{ik} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}^{ik})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-1+1}^{l_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

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$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - 1)!}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - 1)!}{(j_s + l_{ik} - j_{ik} - l_s - 1)! \cdot (j_{ik} - j_s - 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})!}{(j_{ik} + l_{sa} - j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}^{ik})!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q000; $\sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$

$$\sum_{j_{ik}=l_{sa}-j_{sa}^{ik}-D-j_{sa}}^{j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}^{()}$$

$$\sum_{i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}^{()}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}^{()}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(l_{sa}-D-j_{sa})} \sum_{(j_s=2)}^{(l_{sa}-1+1)} = Q \\
 & \sum_{j_{ik}=j_s+j_{sa}-1}^{(j_{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(j_i=j^{sa}+s-j_{sa})} \\
 & \sum_{n_i=Q_6}^{(n_i=j_s+j_{sa}-1)} \sum_{n_{ik}=n+k_2+k_3+Q_8; -j_{ik}+Q_9}^{(n_{is}+j_s-j_{ik}-k_1)} \\
 & \sum_{(n_{sa}=n+k_3+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q_8; -j_i+Q_9)}^{(n_{sa}+j^{sa}-j_i-k_3)} \quad Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}
 \end{aligned}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$Q00; \sum_{k=1}^{(l_{ik} - j_{sa}^{ik} + 2)} \sum_{i=l_{sa}+n-j_{sa}+1}^{(i-1+1)}$$

$$\sum_{j_{ik}=j_s+j_{ik}^{(i)}}^{(i-1+1)} \sum_{(j_{sa}=j_{ik}+j_{sa}^{(i)})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8; (n_{ik}=n_{ik}+k_2+k_3+Q8;-j_{ik}+Q9; (n_{ik}+j_{ik}-j_{sa}^{(i)})} \sum_{(n_{sa}=n_{sa}+k_3+Q8;-j_{sa}+Q9; n_s=n+Q8;-j_i+Q9;}$$

$$Q05; \sum_{(n_{sa}=n_{sa}+k_3+Q8;-j_{sa}+Q9; n_s=n+Q8;-j_i+Q9;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

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$$Q000; \sum_{k=1}^{(l_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}^{ik}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa})}^{()} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_s - j_i - n - Q31 - j_{sa}^s)!}{(n_s - j_i - n - Q31 - j_{sa}^s)! \cdot (j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq n - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l - 1$$

$$1 \leq j_{ik} - j_{sa}^{ik} + j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - j_{sa}^{ik} \wedge j^{sa} + j_{sa}^{ik} \leq j_i + n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - l_{sa} \leq l_{sa} \leq D - l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q$$

$$j_{sa} < j_{sa}^i \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; j_{sa}^i, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$A1; S^{B1}; f_{z,C1}; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(I_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(I_{sa}-1+1)} \sum_{(j^{sa}=I_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{(n_{is}-j_i-k_3)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_s + j_i + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{sa} + j_{sa}^{ik} - I_{ik} - j_{sa})!}{(j_{ik} + I_{sa} - j^{sa} - I_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(I_{ik}-1-j_{sa}^{ik}+2)} \sum_{(j_s=I_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q7; +Q22; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q20; (n_i-j_s-Q23; +1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s)!} \cdot \frac{(l_s - 1 - j_{sa}^s)!}{(l_s - j_s - 1)! \cdot (s - 2)!} \cdot \frac{(D + j_i)!}{(D + j_i - n - l_{sa})! \cdot (n - j_i)!} \cdot Q44;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + s - n - l_i - j_{sa}^{ik} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2,$$

$$j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, \dots, k_1, k_2, \dots, k_3, j_{sa}, Q4; \} \wedge$$

$$s \geq 7, s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{fz, C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;}^{A1; S B1;} = Q00; \sum_{k=1}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-1+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - k_2)!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_{sa} - n_s - j_i - k_3)!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_s + 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

Q06; $\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$

$$\frac{(l_s - 1)!}{(l_s - j_i - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - j_{sa} - l_{ik} - j_{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!}$$

Q04; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

Q00; $\sum_{k=1}^{(l_s-1-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}$

$$\sum_{=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

Q20; $\sum_{(n_i-j_s-Q23;+1)}$
 Q7;+Q22; $(n_{is}=n+k+Q8;-j_s+Q9;)$ $n_{ik}=n_{is}+j_s-j_{ik}-k_1$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

Q044; $\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 2 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

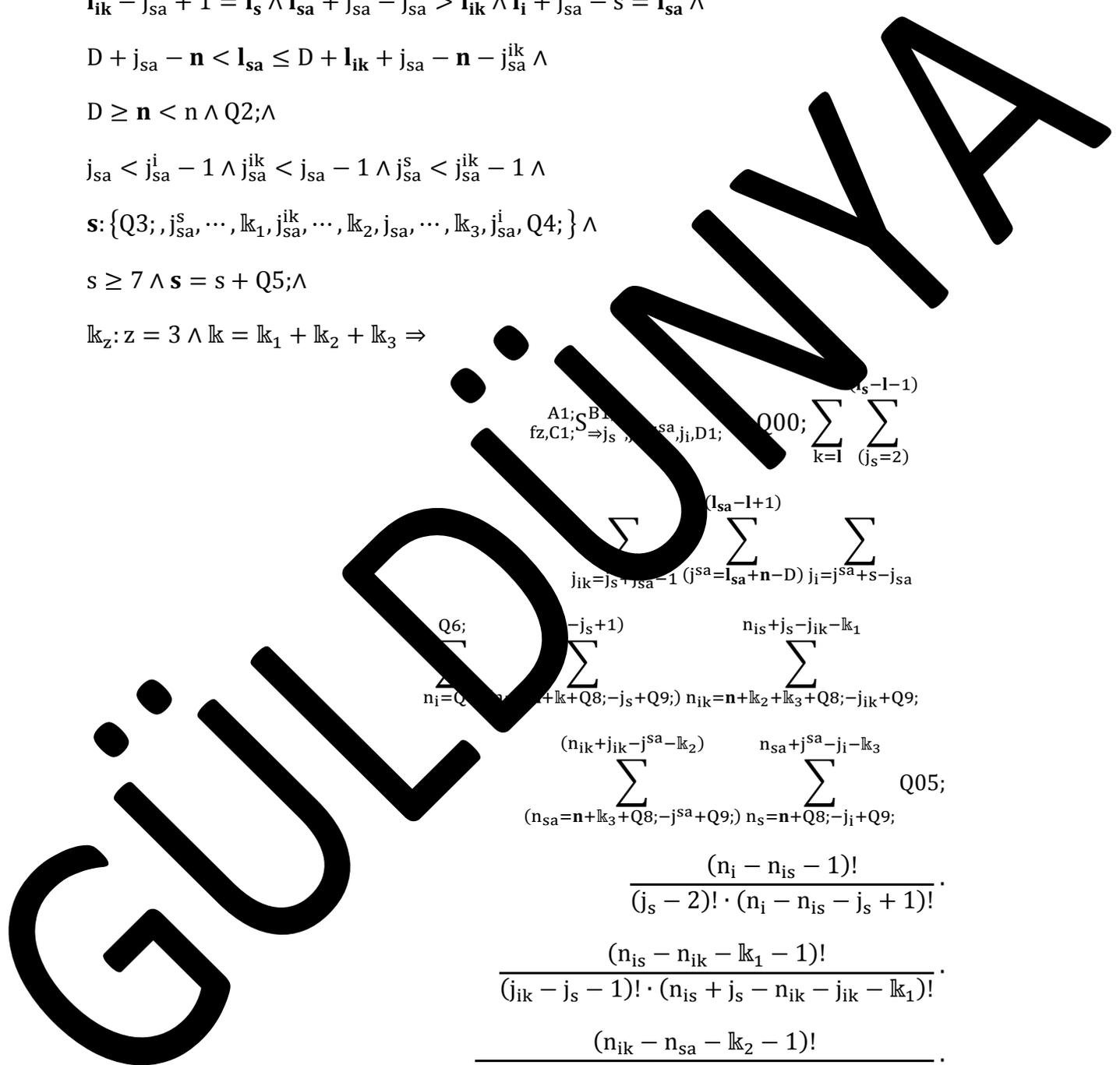
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned} & \sum_{k=1}^{(j_s-1-1)} \sum_{(j_s=2)}^{(j_s-1-1)} Q00; \\ & \sum_{j_{ik}=j_s+j_{sa}-1}^{(l_{sa}-1+1)} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}} \\ & \sum_{n_i=Q6; \dots, k+Q8; -j_s+Q9;}^{(-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1} \\ & \sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8; -j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05; \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\ & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\ & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\ & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \end{aligned}$$



$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q000 \sum_{k=0}^{l_s - l} \sum_{j_s = l_{sa} + n - D - j_{sa} - k}^{l_s - l - k} \binom{l_s - l - k}{j_s}$$

$$\sum_{j_{ik} = 0}^{l_{sa} - 1} \sum_{j_{sa} = 0}^{l_{sa} - j_{ik}} \sum_{s = j_{sa}}^{l_s - j_{sa}} \binom{l_{sa} - j_{ik} - 1}{j_{sa}} \binom{l_s - j_{sa}}{s}$$

$$Q20; \sum_{n_i = Q7; + Q8}^{n_i = Q23; + 1} \sum_{(n_{is} = n + k + Q8; + Q9)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - k_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j_{sa} - k_2)} \sum_{n_s = n_{sa} + j_{sa} - j_i - k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - s + s - n - l_i \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$D \geq n < n \wedge Q2; \wedge$

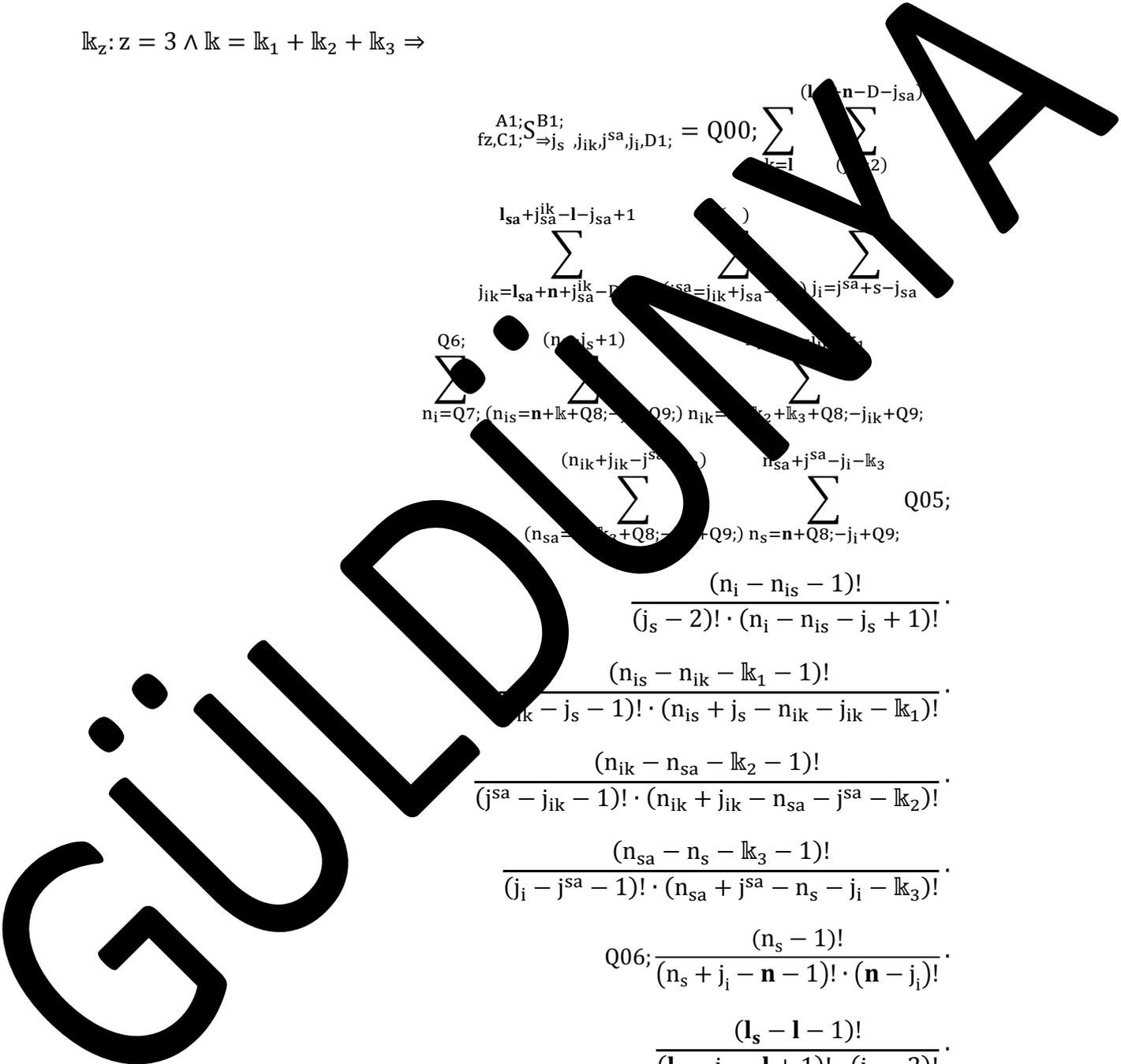
$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$

$s \geq 7 \wedge s = s + Q5; \wedge$

$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$

$$\begin{aligned} & \sum_{k=1}^{(n-D-j_{sa})} \sum_{(j_s-2)}^{(n-D-j_{sa})} = Q00; \\ & \sum_{j_{ik}=l_{sa}+j_{sa}^{ik}-1-j_{sa}+1}^{(l_{sa}+j_{sa}^{ik}-1-j_{sa}+1)} \sum_{(j_i=j_{sa}+s-j_{sa})}^{(j_i=j_{sa}+s-j_{sa})} \\ & \sum_{(n_{is}=n+k+Q8;-j_{ik}+Q9)}^{(n_{is}=n+k+Q8;-j_{ik}+Q9)} \sum_{(n_{ik}=k_2+k_3+Q8;-j_{ik}+Q9)}^{(n_{ik}=k_2+k_3+Q8;-j_{ik}+Q9)} \\ & \sum_{(n_{sa}=k_2+Q8;-j_{ik}+Q9)}^{(n_{sa}=k_2+Q8;-j_{ik}+Q9)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_s=n+Q8;-j_i+Q9)} \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(n_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\ & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!} \\ & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\ & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02; \end{aligned}$$



$$Q00; \sum_{k=1}^{(I_s-1-1)} \sum_{(j_s=I_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{I_{sa}+j_{sa}^{ik}-I-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8;-j_i+Q9)}^{(n_{is}-j_{ik}-k_3)}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_s + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} - j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - n_{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - 1 - 1)!}{(I_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(I_s-1-1)} \sum_{(j_s=I_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_2} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_s - Q31;)!}{(l_s - j_s - Q31; - 1)! \cdot (l_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i - Q31; - 1)! \cdot (n - j_i)!} \cdot Q44;$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$

$D \geq n < n \wedge Q2,$

$j_s < j_{sa}^{ik} - 1 \wedge j_{sa}^{ik} < j_{sa}^{ik} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}^{ik}, \dots, k_3, j_{sa}^s, Q4; \} \wedge$

$s \geq 7, j_{sa}^s = s + Q5; \wedge$

$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$\sum_{k=1}^{A1;S^B1; fz,C1; \Rightarrow j_s} \sum_{j_{ik}j^{sa}j_i,D1;} = Q00; \sum_{k=1}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=2)}^{(l_{sa}+n-D-j_{sa})}$

$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q6;} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q_8; -j_i+Q_9)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - l_{k_2})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_{sa} - n_s - j_i - l_{k_3})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_s + 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q_7; (n_{is}=n+l_k+Q_8; -j_s+Q_9)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+l_{k_2}+l_{k_3}+Q_8; -j_{ik}+Q_9}^{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q_8; -j^{sa}+Q_9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_s=n+Q_8; -j_i+Q_9)}^{n_{sa}+j^{sa}-j_i-l_{k_3}} \quad Q05;$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2 - 1)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3 - 1)!}$$

$$Q06; \frac{(n_s + j_i - n - j_i - 1)!}{(n_s + j_i - n - j_i - 1)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - j_s - j_{sa}^{ik} - 1)!}{(j_s + l_{ik} - j_{ik} - l_s - j_{sa}^{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})!}{(j_{ik} - j_{sa} - j^{sa} - l_{ik} - j_{sa}^{ik} - 1)! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}^{ik})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q04;$$

$$Q000; \sum_{k=1}^{(l_s-1-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22; (n_{is}=n+k+Q8;-j_s+Q9;)}^{Q20; (n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_2, j_{sa}, Q4; \dots, A$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\sum_{i_1=1; S^B1, i_2 \Rightarrow j_s, j_{ik}, j_i, D1; } = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$$

$$\sum_{i_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{l_s+s-1} \sum_{j_i=l_{ik}+s+n-D-j_{sa}^{ik}}^{()}$$

$$\sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l)!}{(D + j_i - l - l_i)! \cdot (l - l_i)!} Q02;$$

$$Q03; \sum_{(j_s=2)}^{(l_s-1)} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}^{ik})}^{(l_{ik}+s-1-j_{sa}^{ik}+1)} \sum_{(j_i=l_s+s-l+1)}^{(j_s+1)}$$

$$n_i=Q7; (n_{is}=n+k+Q8; -j_s+Q9;)$$

$$n_{ik}=n+k_2+k_3+Q8; -j_{ik}+Q9; \sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n+Q8; -j_i+Q9;)}^{(n_{sa}+j^{sa}-j_i-k_3)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

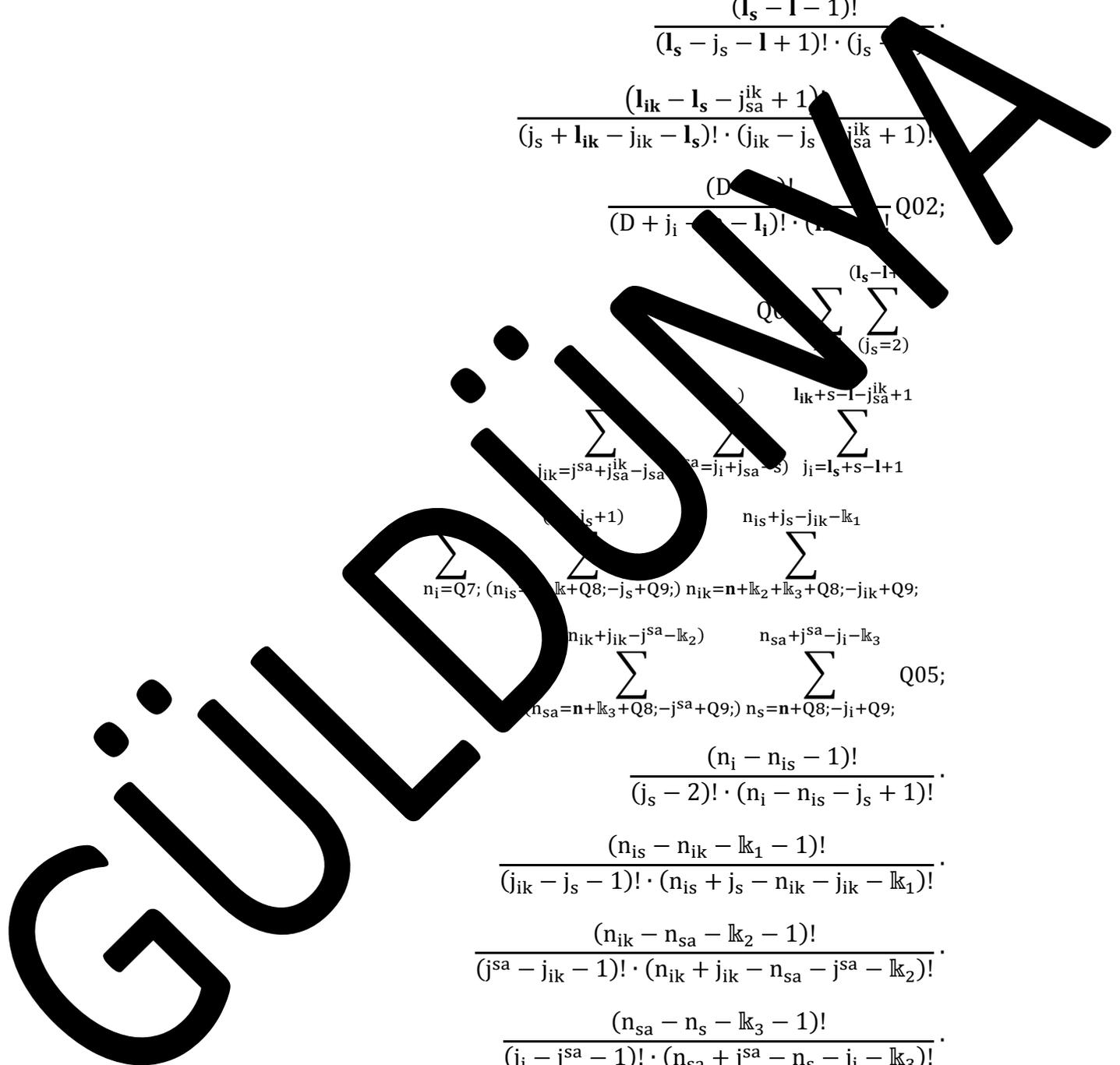
$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$



$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q04;}$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=1}^{n-j_{sa}-j_{sa}^{ik}}$$

$$Q20; \sum_{n_i=Q7;+Q22; (n_{is}=n+Q8;+Q9;)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=1}^{n_i+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n_{is}-j_{sa}-k_2)}^{(\cdot)} \sum_{(n_{sa}+j_{sa}-j_i-k_3)}^{(\cdot)}$$

$$\frac{(n_s + j_i - j_{sa} - s - Q31;)!}{(n_s + j_i - j_{sa} - s - Q31; - j_{sa})! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l_i \leq l_s \wedge l_s \leq n - n + 1 \wedge$$

$$D + l_i + s - n - l_i + 1 \leq l_i \leq n - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{ik} - j_{sa} - s \wedge j_{sa}^{ik} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

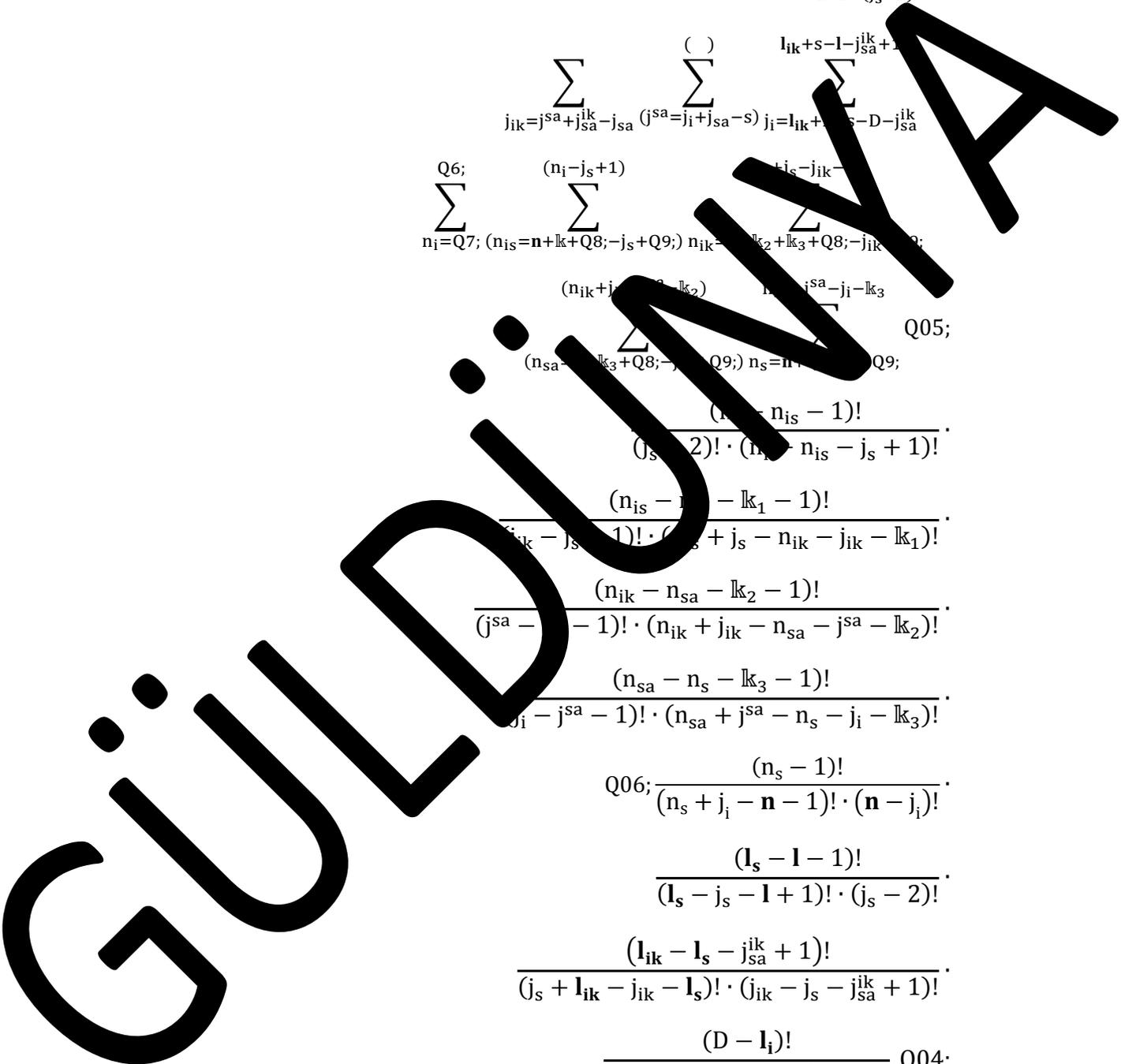
$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$s \geq 7 \wedge s = s + Q5; \wedge$

$lk_z: z = 3 \wedge lk = lk_1 + lk_2 + lk_3 \Rightarrow$

$$\begin{aligned}
 & \text{A1;S}^{B1}; \text{fz,C1;S} \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}^{(l_s-1+1)} \\
 & \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_{ik}+j^{sa}-D-j_{sa}^{ik}}^{(l_{ik}+s-1-j_{sa}^{ik}+1)} \\
 & \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9); n_{ik}=n_{k_2+k_3+Q8;-j_{ik}-Q9;}}^{Q6; (n_i-j_s+1)} \sum_{(n_{ik}+j_{sa}-lk_2)}^{(n_i-j_{ik}-1)} \sum_{(n_{sa}=n_{k_3+Q8;-j_{ik}-Q9); n_s=n_{k_3+Q8;-j_{ik}-Q9;}}^{(j_s-j_{ik}-1)} \\
 & \frac{(n_{is}-n_{is}-1)!}{(j_s-2)! \cdot (n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{is}-lk_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-lk_1)!} \\
 & \frac{(n_{ik}-n_{sa}-lk_2-1)!}{(j^{sa}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-lk_2)!} \cdot \frac{(n_{sa}-n_s-lk_3-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i-lk_3)!} \\
 & Q06; \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \frac{(l_s-1-1)!}{(l_s-j_s-1+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} Q04;
 \end{aligned}$$

$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$



$$\sum_{j_{ik}=j_i^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j_{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_{ik}+s+n-D-j_{sa}^{ik}}^{l_s+s-1}$$

$$\sum_{n_i=Q7;+Q22;}^{Q20;} \sum_{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}^{sa}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}^{sa}-l_{k_2})} \sum_{n_s=n_{sa}+j_{sa}-j_i-l_{k_3}}$$

$$\frac{(n_s + j_i - j_s - s - Q31)!}{(n_s + j_i - n - Q31; -j_s - 1) \cdot (n + j_{sa} - s)!} \cdot \frac{(n_s - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q044;$$

$$D \geq n < n \wedge l \neq j_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \leq j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{sa} + j_{sa}^{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{ik}^{sa} + 1 > l_s \wedge j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge j_{sa} - s = l_{sa} \wedge$$

$$D - s - n < l_s \leq D + l_s + s - n - 1 \wedge$$

$$D > n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^{sa} - 1 \wedge j_{sa}^{ik} < j_{sa}^{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; j_{sa}^s, \dots, j_{sa}^{ik}, l_{k_2}, j_{sa}, \dots, l_{k_3}, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 1 \wedge s \leq s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_{k_z} = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$f_{z,C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; } = Q00; \sum_{k=1}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-1)} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9;} \sum_{n_{is}+j_s-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n+l_{k_3}+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \sum_{(n_{sa}+j^{sa}-j_i-l_{k_3})} \sum_{Q8;-j_i+Q9;}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 2)! \cdot (n_{is} - n_{ik} - l_{k_1} - j_{ik} - l_{k_1})!}$$

$$\frac{(n_{ik} - n_{is} - l_{k_2} - 1)!}{(j^{sa} - j_{ik} - 2)! \cdot (n_{ik} - n_{is} - n_{sa} - j^{sa} - l_{k_2})!}$$

$$\frac{(n_{sa} - n_s - l_{k_3} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - l_{k_3})!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_{ik}+j_{sa}-1-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; (n_{is}=n+l_k+Q8;-j_s+Q9;)}^{Q6; (n_i-j_s+1)} \sum_{n_{ik}=n+l_k+l_{k_2}+l_{k_3}+Q8;-j_{ik}+Q9;} \sum_{n_{is}+j_s-j_{ik}-l_{k_1}}$$

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$$\sum_{(n_{sa}=n+k_3+Q8; -j^{sa}+Q9;)} \sum_{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_{sa}+j^{sa}-j_i-k_3)} Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{ik} - k_2)!}$$

$$\frac{(n_{sa} - n_{sa} - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa} + 1)!}{(j_s - l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s+j_{sa}-1)}$$

$$Q20; \sum_{n_i=Q7;+Q22;} \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}^{(n_i-j_s-Q23;+1)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{(n_s=n_{sa}+j^{sa}-j_i-k_3)}^{()}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \text{ Q044;}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, \dots, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$f_{i,j_s}^{s,B1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1; } = Q00; \sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7; }^{Q6; } \sum_{(n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9; }^{n_{is}+j_s-j_{ik}-k_1}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9;)}^{(n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9; }^{n_{sa}+j^{sa}-j_i-k_3} \text{ Q05;}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i - 1)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - 1)!}{(j_s + l_{ik} - j_{ik} - l_s - 1)! \cdot (j_{ik} - j_s - 1)!}$$

$$\frac{(D - l_i)!}{(n - l_i)! \cdot (n - j_i)!} Q0$$

$$Q00; \sum_{k=1}^{j_i} \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{j_i}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+j_{sa}^{ik}-j_s}^{j_i} \sum_{j_i=j^{sa}+s-j_{sa}}^{j_i} \sum_{j_i=j^{sa}+s-j_{sa}}^{j_i}$$

$$Q20; \sum_{j_i=j^{sa}+s-j_{sa}}^{j_i} \sum_{(n_{is}=n+k+Q8;-j_s+Q9);}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1}^{j_i}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{j_i} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3}^{j_i}$$

$$\frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$$

$$D \geq n < n \wedge Q2; \wedge$$

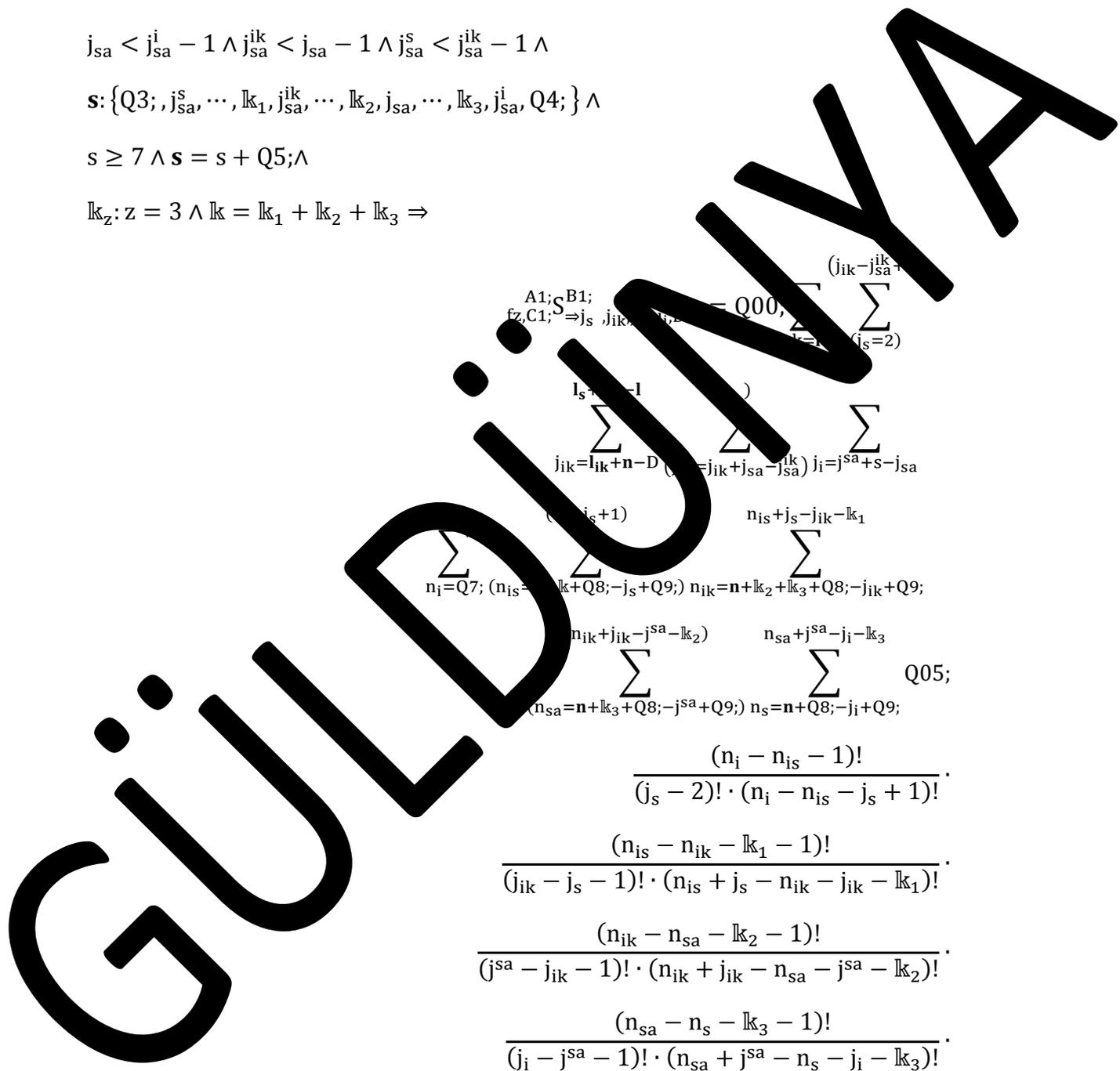
$$j_{sa} < j_{sa}^i - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, j_{sa}, \dots, k_3, j_{sa}^i, Q4; \} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$k_z: z = 3 \wedge k = k_1 + k_2 + k_3 \Rightarrow$$

$$\begin{aligned}
 & \sum_{j_{ik}=l_{ik}+n-D}^{l_s-1} \sum_{j_i=j_{sa}+s-j_{sa}}^{j_{ik}-j_{sa}^{ik}+1} \sum_{j_s=2}^{(j_{ik}-j_{sa}^{ik}+1)} \\
 & \sum_{n_i=Q7; (n_{is}=n+k_1+Q8;-j_s+Q9);}^{(n_{is}+1)} \sum_{n_{ik}=n+k_2+k_3+Q8;-j_{ik}+Q9;}^{n_{is}+j_s-j_{ik}-k_1} \\
 & \sum_{(n_{sa}=n+k_3+Q8;-j^{sa}+Q9);}^{n_{ik}+j_{ik}-j^{sa}-k_2)} \sum_{n_s=n+Q8;-j_i+Q9;}^{n_{sa}+j^{sa}-j_i-k_3} Q05; \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
 & \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \\
 & \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \\
 & Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot \\
 & \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}
 \end{aligned}$$



$$\frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q02;$$

$$Q00; \sum_{k=1}^{(I_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=I_s+j_{sa}^{ik}-1+1}^{I_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa}^{sa})} \sum_{(j_s=j_s^{sa}-j_{sa})}$$

$$Q6; \sum_{n_i=Q7; (n_i=n+k+Q8;-)}^{(n_i-j_s+1)} \sum_{(n_i+j_s-j_{ik}-k_1)} \sum_{(n+k_2+Q8;-j_{ik}+Q9)}$$

$$Q05; \sum_{(n_{sa}=n+k_3+Q9;-j_{sa}+Q9)} \sum_{(n+Q8;-j_i+Q9)}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(I_s - I - 1)!}{(I_s - j_s - I + 1)! \cdot (j_s - 2)!}$$

$$\frac{(I_{ik} - I_s - j_{sa}^{ik} + 1)!}{(j_s + I_{ik} - j_{ik} - I_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - I_i)!}{(D + j_i - n - I_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j_{sa}+s-1}^{(\cdot)}$$

$$Q20; \sum_{n_i=Q7;+Q22}^{(n_i-j_s-Q23;+1)} \sum_{(n_{is}=n+l_k+Q8;-j_s+Q9;)} \sum_{n_{ik}=n_{is}-j_{ik}-l_{k_1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-l_{k_1})}^{(\cdot)} \sum_{(n_s=n_{sa}+j_{sa}-j_i)}$$

$$\frac{(n_s + j_i - n - Q31 - j_{sa}^s)!}{(n_s + j_i - n - Q31 - j_{sa}^s)! \cdot (n_s - j_s - 1)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i - 1)! \cdot (n - j_i)!} Q044;$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq n - 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + j_s + j_{sa}^{ik} - 1 \leq j_{sa}^{ik} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^s = j_i + j_{sa} - j_{sa}^{ik} + j_{sa}^{ik} \leq j_i \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_s + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n - l_i \leq D + l_i - s - n - 1 \wedge$$

$$D \geq n < n \wedge Q44;$$

$$j_{sa} < j_{sa}^i \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\{Q3; \dots, l_{k_1}, j_{sa}^{ik}, \dots, l_{k_2}, j_{sa}, \dots, l_{k_3}, j_{sa}^i, Q4;\} \wedge$$

$$s \geq 7 \wedge s = s + Q5; \wedge$$

$$l_{k_z}: z = 3 \wedge l_k = l_{k_1} + l_{k_2} + l_{k_3} \Rightarrow$$

$$A1; S^{B1}; fz, C1; \Rightarrow j_s, j_{ik}, j_{sa}^{j_i}, j_i, D1; = Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-1+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{j_i})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$Q6; \sum_{n_i=Q7; (n_{is}=n+k+Q8;-j_s+Q9;)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+k_2+k_3+Q4;-j_{ik}+Q9;}^{(n_{is}+j_s-j_{ik}-k_1)}$$

$$\sum_{(n_{sa}=n+k_3+Q8;-j_{sa}+Q9;)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \sum_{(n_{sa}+j_{sa}-j_{sa}^{j_i}-k_3)} Q05;$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s + 1)!}$$

$$\frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j_{sa} - 1)! \cdot (n_{sa} + j_{sa} - n_s - j_i - k_3)!}$$

$$Q06; \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{j_i} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{j_i} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04;$$

$$Q000; \sum_{k=1}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{j_i}+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{j_i}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{j_i})} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7;+Q22}^{Q20;} \sum_{(n_i-j_s-Q23;+1)}^{(n_i-j_s-Q23;+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-k_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i-k_3} \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; -j_{sa}^s)! \cdot (n + j^{sa} - j_s - s - Q31;)!} \cdot \frac{(l_s - 1 - j_s)!}{(l_s - j_s - 1)! \cdot (l_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot Q44;$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} + j_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \wedge$

$D \geq n < n \wedge Q2,$

$j_s < j_{sa} - 1 \wedge j_{sa}^{ik} < j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{Q3; , j_{sa}^s, \dots, k_1, j_{sa}^{ik}, \dots, k_2, \dots, k_3, j_{sa}, Q4; \} \wedge$

$s \geq 7, \dots = s + Q5; \wedge$

$k_z: z = 3 \wedge k_z = k_1 + k_2 + k_3 \Rightarrow$

$\sum_{k=1}^{A1;S^B1; f_z,C1; \Rightarrow j_s, j_{ik}, j^{sa}, j_i, D1;} = Q00; \sum_{k=1}^{(l_{ik}+n-D-j_{sa}^{ik})} \sum_{(j_s=2)}$

$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{()}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{is}=n+l_k+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+l_{k2}+l_{k3}+Q8; -j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n+l_{k3}+Q8; -j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k2})} \sum_{n_s=n+Q8; -j_i+Q9}^{n_{sa}+j^{sa}-j_i-l_{k3}} \quad Q05;$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - l_{k1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - l_{k1})!}$$

$$\frac{(n_{ik} - n_{sa} - l_{k2} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - l_{k2})!}$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (n_s + j_i - 1 - l_{k3})!}$$

$$Q00; \frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (n - j_i)!}$$

$$\frac{(l_s - 1 - 1)!}{(D - j_s - 1 + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \quad Q02;$$

$$Q00; \sum_{k=1}^{(l_s-1+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-1+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-1+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q7}^{Q6} \sum_{(n_{is}=n+l_k+Q8; -j_s+Q9)}^{(n_i-j_s+1)} \sum_{(n_{ik}=n+l_{k2}+l_{k3}+Q8; -j_{ik}+Q9)}^{n_{is}+j_s-j_{ik}-l_{k1}}$$

$$\sum_{(n_{sa}=n+l_{k3}+Q8; -j^{sa}+Q9)}^{(n_{ik}+j_{ik}-j^{sa}-l_{k2})} \sum_{n_s=n+Q8; -j_i+Q9}^{n_{sa}+j^{sa}-j_i-l_{k3}} \quad Q05;$$

GÜLDÜZYAN

$$\begin{aligned}
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \\
& \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - 1)!} \cdot \\
& \frac{(n_{sa} - n_s - k_3 - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i - k_3)!} \cdot \\
& Q06; \frac{(n_s + j_i - n - j_i)!}{(n_s - j_i - 1)! \cdot (n - j_i)!} \cdot \\
& \frac{(n - 1 - 1)!}{(j_s - 1 - 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(l_{ik} - 1 - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_{sa}^{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q04; \\
& Q000; \sum_{k=1}^{(l_s - 1 + 1)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)} \\
& \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}} \\
& Q20; \sum_{n_i = Q7; + Q22; (n_{is} = n + k + Q8; - j_s + Q9;)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - k_1}^{(n_i - j_s - Q23; + 1)} \sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - k_2)}^{()} \sum_{n_s = n_{sa} + j^{sa} - j_i - k_3} \\
& \frac{(n_s + j_i - j_s - s - Q31;)!}{(n_s + j_i - n - Q31; - j_{sa}^s)! \cdot (n + j_{sa}^s - j_s - s)!} \cdot \\
& \frac{(l_s - 1 - 1)!}{(l_s - j_s - 1 + 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} Q044;
\end{aligned}$$

DİZİN

B

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrisinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.1.1.1.1/3-4

tek kalan düzgün simetrik olasılık,
2.3.3.2.1.1.1.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.1.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrisinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.1.1.2.1/3-4

tek kalan düzgün simetrik olasılık,
2.3.3.2.1.1.2.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrisinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.1.1.1/3-4

tek kalan düzgün simetrik olasılık,
2.3.3.2.1.1.3.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bir bağımsız durumlu simetrisinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.1.1.1.1/230-231

tek kalan düzgün simetrik olasılık,
2.3.3.2.1.1.1.1/187-188

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.1.1/321

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bir bağımsız durumlu bağımsız simetrisinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.1.1.2.1/230-231

tek kalan düzgün simetrik olasılık,
2.3.3.2.1.1.2.1/187-188

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.2.1/321

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bir bağımsız durumlu bağımlı simetrisinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.1.1.2.1/230-231

tek kalan düzgün simetrik olasılık,
2.3.3.2.1.1.3.1/187-188

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.3.1/321

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrisinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.1.4.1.1/3-4

tek kalan düzgün simetrik olasılık,
2.3.3.2.1.4.1.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.4.1.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrisinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.1.4.2.1/3-4

tek kalan düzgün simetrik olasılık,
2.3.3.2.1.4.2.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.4.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrisinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.1.4.3.1/3-4

tek kalan düzgün simetrik olasılık,
2.3.3.2.1.4.3.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.4.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bağımsız durumlu

simetrisinin 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 simetrisinin 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 bağımlı-bağımsız durumlu bağımlı simetrisinin 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 bağımsız simetrisinin son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.1.1.4.1/3-4

tek kalan düzgün simetrik olasılık,
2.3.3.2.1.1.4.1/190

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.4.1/324-325

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrisinin 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 simetrisinin 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, 2.3.3.3.1.6.3.1/3-4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrisinin 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 simetrisinin 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 simetrisinin 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 simetrisinin 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 simetrisinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.2.1.2.1/4

tek kalan düzgün simetrik olasılık,
2.3.3.2.2.1.2.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.2.1.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı durumlu bağımlı
simetrisinin ilk ve son durumunun
bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.2.1.3.1/4

tek kalan düzgün simetrik olasılık,
2.3.3.2.2.1.3.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.2.1.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımsız-bağımlı durumlu
simetrisinin ilk ve son durumunun
bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.2.2.1.1/5

tek kalan düzgün simetrik olasılık,
2.3.3.2.2.2.1.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.2.2.1.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımsız-bağımlı durumlu
bağımsız simetrisinin ilk ve son durumunun
bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.2.2.2.1/3-4

tek kalan düzgün simetrik olasılık,
2.3.3.2.2.2.2.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.2.2.2.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımsız-bağımlı durumlu
bağımlı simetrisinin ilk ve son durumunun
bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.2.2.3.1/4

tek kalan düzgün simetrik olasılık,
2.3.3.2.2.2.3.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.2.2.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bir bağımsız durumlu
simetrisinin ilk ve son durumunun
bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.2.4.1.1/4

tek kalan düzgün simetrik olasılık,
2.3.3.2.2.4.1.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.2.4.1.1/4

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bir bağımsız durumlu
bağımsız simetrisinin ilk ve son durumunun
bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.2.4.2.1/4

tek kalan düzgün simetrik olasılık,
2.3.3.2.2.4.2.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.2.4.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bir bağımsız durumlu
bağımlı simetrisinin ilk ve son durumunun
bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.2.4.3.1/4

tek kalan düzgün simetrik olasılık,
2.3.3.2.2.4.3.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.2.4.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bağımsız durumlu
simetrisinin ilk ve son durumunun
bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.2.6.1.1/4

tek kalan düzgün simetrik olasılık,
2.3.3.2.2.6.1.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.2.6.1.1/4

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bağımsız durumlu
bağımsız simetrisinin ilk ve son durumunun
bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.2.6.2.1/4

tek kalan düzgün simetrik olasılık,
2.3.3.2.2.6.2.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.2.6.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bağımsız durumlu
bağımlı simetrisinin 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
simetrisinin 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 simetrisinin ilk ve son durumunun
bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.2.7.2.1/5

tek kalan düzgün simetrik olasılık,
2.3.3.2.2.7.2.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.2.7.2.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımsız-bağımlı durumlu
bağımlı simetrisinin ilk ve son durumunun
bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.3.2.7.3.1/5

tek kalan düzgün simetrik olasılık,
2.3.3.2.3.2.7.3.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.3.2.7.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı durumlu simetrisinin 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
simetrisinin 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
simetrisinin ilk ve herhangi bir durumunun
bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.3.1.3.1.1/4

tek kalan düzgün simetrik olasılık,
2.3.3.2.3.1.3.1.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.3.1.3.1.1/5

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımsız-bağımlı durumlu
simetrisinin 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 simetrisinin 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 simetrisinin 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 simetrisinin
herhangi iki durumuna bağlı

- tek kalan simetrik olasılık, 2.3.3.1.4.1.1.1/4
- tek kalan düzgün simetrik olasılık, 2.3.3.2.4.1.1.1/3-4
- tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.4.1.1.1/5
- Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrisinin herhangi iki durumuna bağlı
- tek kalan simetrik olasılık, 2.3.3.1.4.1.2.1/4
- tek kalan düzgün simetrik olasılık, 2.3.3.2.4.1.2.1/3-4
- tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.4.1.2.1/5
- Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrisinin herhangi iki durumuna bağlı
- tek kalan simetrik olasılık, 2.3.3.1.4.1.3.1/4
- tek kalan düzgün simetrik olasılık, 2.3.3.2.4.1.3.1/3-4
- tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.4.1.3.1/5
- Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrisinin herhangi iki durumunun bulunabileceği olaylara göre
- tek kalan simetrik olasılık, 2.3.3.1.4.1.1.1/839-840
- Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrisinin herhangi iki durumunun bulunabileceği olaylara göre
- tek kalan simetrik olasılık, 2.3.3.1.4.1.2.1/839-840
- Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrisinin herhangi iki durumunun bulunabileceği olaylara göre
- tek kalan simetrik olasılık, 2.3.3.1.4.1.3.1/839-840
- Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre
- tek kalan simetrik olasılık, 2.3.3.1.5.1.1.1/5
- tek kalan düzgün simetrik olasılık, 2.3.3.2.5.1.1.1/4
- tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.5.1.1.1/7
- Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre
- tek kalan simetrik olasılık, 2.3.3.1.5.2.1.1/6
- tek kalan düzgün simetrik olasılık, 2.3.3.2.5.2.1.1/3-4
- tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.5.2.1.1/10
- Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre
- tek kalan simetrik olasılık, 2.3.3.1.5.2.2.1/6
- tek kalan düzgün simetrik olasılık, 2.3.3.2.5.2.2.1/3-4
- tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.5.2.2.1/10
- Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre
- tek kalan simetrik olasılık, 2.3.3.1.5.2.3.1/5
- tek kalan düzgün simetrik olasılık, 2.3.3.2.5.2.3.1/3-4
- tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.5.2.3.1/7
- Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre
- tek kalan simetrik olasılık, 2.3.3.1.5.2.3.1/5
- tek kalan düzgün simetrik olasılık, 2.3.3.2.5.2.3.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.5.2.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrisinin 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 simetrisinin 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 simetrisinin 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 simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.8.2.1/11

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.2.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrisinin 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 simetrisinin 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 simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.1.1.1/4

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 simetrisinin 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 simetrisinin 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 simetrisinin 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 simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.6.2.2.1/6

tek kalan düzgün simetrik olasılık,
2.3.3.2.6.2.2.1/4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.6.2.2.1/8

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımsız-bağımlı durumlu
bağımlı simetrisinin ilk herhangi bir ve son
durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.6.2.3.1/5

tek kalan düzgün simetrik olasılık,
2.3.3.2.6.2.3.1/3-4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.6.2.3.1/5

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bir bağımsız durumlu
simetrisinin ilk herhangi bir ve son
durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.6.4.1.1/5

tek kalan düzgün simetrik olasılık,
2.3.3.2.6.4.1.1/4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.6.4.1.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bir bağımsız durumlu
bağımsız simetrisinin ilk herhangi bir ve son
durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.6.4.2.1/5-6

tek kalan düzgün simetrik olasılık,
2.3.3.2.6.4.2.1/4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.6.4.2.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bir bağımsız durumlu
bağımlı simetrisinin ilk herhangi bir ve son
durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.6.4.3.1/5

tek kalan düzgün simetrik olasılık,
2.3.3.2.6.4.3.1/4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.6.4.3.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bağımsız durumlu
simetrisinin ilk herhangi bir ve son
durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.6.6.1.1/5

tek kalan düzgün simetrik olasılık,
2.3.3.2.6.6.1.1/4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.6.6.1.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bağımsız durumlu
bağımsız simetrisinin ilk herhangi bir ve son
durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.6.6.2.1/5-6

tek kalan düzgün simetrik olasılık,
2.3.3.2.6.6.2.1/4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.6.6.2.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bağımsız durumlu
bağımlı simetrisinin ilk herhangi bir ve son
durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.6.6.3.1/5

tek kalan düzgün simetrik olasılık,
2.3.3.2.6.6.3.1/4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.6.6.3.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımsız-bağımsız durumlu
simetrisinin ilk herhangi bir ve son
durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.6.7.1.1/6

tek kalan düzgün simetrik olasılık,
2.3.3.2.6.7.1.1/4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.6.7.1.1/8

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımsız-bağımsız durumlu
bağımsız simetrisinin ilk herhangi bir ve son
durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık,
2.3.3.1.6.7.2.1/6

tek kalan düzgün simetrik olasılık,
2.3.3.2.6.7.2.1/4

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.6.7.2.1/8

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımsız-bağımsız durumlu
bağımlı simetrisinin 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 simetrisinin 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
simetrisinin 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 bağımsız
simetrisinin ilk herhangi bir ve son
durumunun bulunabileceği olaylara göre
herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık,
2.3.3.1.9.1.3.1/7

tek kalan düzgün olmayan simetrik
olasılık, 2.3.3.3.9.1.3.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bağımsız durumlu
simetrisinin 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 simetrisinin 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 simetrisinin 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
simetrisinin 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, 2.3.3.3.9.4.1.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı
dizilimsiz bağımlı-bir bağımsız durumlu
bağımsız simetrisinin 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 simetrisinin 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
simetrisinin 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 simetrisinin ilk herhangi bir ve son

durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.6.2.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.6.2.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.6.3.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.6.3.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.7.1.1/11

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.7.1.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.7.2.1/11

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.7.2.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.7.3.1/11

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.7.3.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.1.1.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.1.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.1.1.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.1.2.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.1.2.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.1.2.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.1.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.1.3.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.1.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.2.1.1/7

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.2.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.2.1.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.2.2.1/7

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.2.2.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.2.2.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.2.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.2.3.1/3-4

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 simetrisinin 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 simetrisinin 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 simetrisinin 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 simetrisinin 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 simetrisinin 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 simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.6.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.6.3.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.6.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.7.1/7

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.7.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.7.1.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrisinin 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 simetrisinin 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 simetrisinin 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, 2.3.3.3.10.1.1.1/10

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı tek kalan simetrik olasılık, 2.3.3.1.10.1.2.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.1.2.1/10

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı tek kalan simetrik olasılık, 2.3.3.1.10.1.3.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.1.3.1/10

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı tek kalan simetrik olasılık, 2.3.3.1.10.2.1.1/15

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.2.1.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımlı durumlu bağımsız simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı tek kalan simetrik olasılık, 2.3.3.1.10.2.2.1/15-16

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.2.2.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı tek kalan simetrik olasılık, 2.3.3.1.10.2.3.1/9-10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.2.3.1/10

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrisinin ilk herhangi iki ve son

durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı tek kalan simetrik olasılık, 2.3.3.1.10.4.1.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.4.1.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı tek kalan simetrik olasılık, 2.3.3.1.10.4.2.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.4.2.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı tek kalan simetrik olasılık, 2.3.3.1.10.4.3.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.4.3.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı tek kalan simetrik olasılık, 2.3.3.1.10.6.1.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.6.1.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı tek kalan simetrik olasılık, 2.3.3.1.10.6.2.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.6.2.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı tek kalan simetrik olasılık, 2.3.3.1.10.6.3.1/9

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 simetrisinin 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 simetrisinin 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 simetrisinin 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, 2.3.3.3.10.7.3.1/9-10

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrisinin 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 simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir 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 simetrisinin 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 simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.2.1.1/17-18

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.2.1.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrisinin 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 simetrisinin 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 simetrisinin 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 simetrisinin 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

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.4.2.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.4.3.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.4.3.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.6.1.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.6.1.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.6.2.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.6.2.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.6.3.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.6.3.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.7.1.1/17

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.7.1.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrisinin ilk herhangi iki ve son

durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.7.2.1/17

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.7.2.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.7.3.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.7.3.1/10-11

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, simetrisinin 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 simetrisinin 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, simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı tek kalan düzgün olmayan simetrisinin 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. Eşitliklerin üretilmesinde dış kaynak kullanılmamıştır.