VDOİHİ

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

Cilt 2.3.1.3.10.1.1.69

İsmail YILMAZ

2023

VDOİHİ Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı toplam düzgün olmayan simetrik olasılık Cilt 2.3.1.3.10.1.1.69

İsmail YILMAZ

Türkiye Cumhuriyeti Devleti
Kuruluşunun
100. Yılı Anısına

d

Yazar Hakkında

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

VDOİHİ

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

VDOİHİ'de Olasılık;

- ✓ Makinaların insan gibi düşünebilmesini, karar verebilmesini ve davranabilmesini sağlayacak gerçek yapay zekayla ilişkilendirilmiştir.

- ✓ Dillerin matematik yapısı olduğu gösterilmiştir.

- ✓ Tüm tabanlarda, tüm dağılım türlerinde ve istenildiğinde dağılım türü ve tabanı değiştirerek çalışabilecek elektronik teknolojisinin temelidir.

- ✓ Teorik kabullerle genetikle ilişkilendirilmiştir.

- ✓ Bilgi merkezli değerlendirme yöntemidir.

Sanırım bilgi ve teknolojideki kaderimiz veriyle ilişkilendirilmiş.

f

İÇİNDEKİLER

Simge ve Kısaltmalar

n: olay sayısı

$\boldsymbol{n}$: bağımlı olay sayısı

$\mathbb{m}$: bağımsız olay sayısı

ι: bağımsız durum sayısı

I: simetrinin bağımsız durum sayısı

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

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

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

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

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

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

l_i: simetrinin son bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası. Simetrinin birinci bağımlı olayındaki durumun, bağımlı olasılık farklı dizilimsiz dağılımlarındaki sırası

l_s: simetrinin ilk bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası. Simetrinin sonuncu bağımlı olayındaki durumun, bağımlı olasılık farklı dizilimsiz dağılımlarındaki sırası

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

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

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

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

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

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

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

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

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

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

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

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

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

D: bağımlı durum sayısı

D_i: olayın durum sayısı

s: simetrinin bağımlı durum sayısı

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

m: olasılık

M: olasılık dağılım sayısı

U: uyum eşitliği

u: uyum derecesi

s_i: olasılık dağılımı

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$_{fz}S_{j_s,j^{sa}}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre simetrik olasılık

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$_{fz}S_{j_s,j^{sa},D}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu

bağımlı simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre simetrik olasılık

$_{fz,0}S_{j_s,j^{sa}}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre simetrik olasılık

$_{fz,0}S_{j_s,j^{sa},0}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre simetrik olasılık

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$_{fz}S_{j_{ik},j^{sa}}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin herhangi iki durumuna bağlı simetrik olasılık

$_{fz}S_{j_{ik},j^{sa},0}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin herhangi iki durumuna bağlı simetrik olasılık

$_{fz}S_{j_{ik},j^{sa},D}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin herhangi iki durumuna bağlı simetrik olasılık

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

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$_{fz,0}S_{j_s,j_{ik},j^{sa},0}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı

durumlu bağımsız simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre simetrik olasılık

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$_{fz}S_{j_s,\,j_{ik},\,j^{sa},\,j_i,D}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre simetrik olasılık

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simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre simetrik olasılık

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$_{fz,0}S^{DOSD}_{\Rightarrow j_s,j_{ik},j^{sa},j_i}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı

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

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

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E2

BAĞIMLI ve BİR BAĞIMSIZ OLASILIKLI FARKLI DİZİLİMSİZ DAĞILIMLAR

Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimsiz Dağılımlar

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

Bağımlı dağılım ve bir bağımsız olasılıklı durumla oluşturulabilen dağılımlara ve bir bağımlı olasılıklı dağılımların kendi olay sayısından (bağımlı olay sayısı) büyük olaylara (bağımsız olay sayısı) dağılımıyla bağımlı ve bir bağımsız olasılık dağılımlar elde edilir. Bağımlı dağılım farklı dizilimsiz dağılımdan oluştuğunda, bu dağılımlara bağımlı ve bir bağımsız olasılık farklı dizilimsiz dağılımlar denir. Bağımlı ve bir bağımsız olasılıklı dağılımlar; bağımlı dağılımlara, bağımsız durumlar ilk olaydan dağıtılmaya başlanarak tabloları elde edilir. Bu bölümde verilen eşitlikler, bu yöntemle elde edilen kurallı tablolara göre verilmektedir. Farklı dizilimsiz dağılımlarda durumların küçükten-büyüğe sıralanmasıyla elde edilebilen kurallı tablolar kullanılmaktadır. Farklı dizilimsiz dağılımlarda durumların küçükten-büyüğe sıralama için verilen eşitliklerde kullanılan durum sayısının düzenlenmesiyle, büyükten-küçüğe sıralama durumlarının eşitlikleri elde edilebilir.

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

$$D > \boldsymbol{n} < n$$

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

Farklı dizilimsiz dağılımlarda simetrinin durumlarının olasılık dağılımındaki sıra simetrik olasılıkları etkilediğinden, bu bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımları da etkiler. Bu nedenle bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlarda, simetrinin durumlarının bulunabileceği olaylara göre simetrik olasılık eşitlikleri, simetrinin durumlarının olasılık dağılımındaki sıralamalarına göre ayrı ayrı verilecektir. Bu eşitliklerin elde edilmesinde bağımlı olasılıklı farklı dizilimsiz dağılımlarda simetrinin durumların bulunabileceği olaylara göre çıkarılan eşitlikler kullanılacaktır. Bu eşitlikler, bir bağımlı ve bir bağımsız olasılıklı dağılımlar için VDC II Cilt I'de çıkarılan eşitliklerle birleştirilerek, bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımların yeni eşitlikleri elde edilecektir. Eşitlikleri adlandırılmasında da bağımlı olasılıklı farklı dizilimsiz dağılımlarda kullanılan adlandırmalar kullanılacaktır. Bu adların sonuna simetrinin bağımlı ve bağımsız durumlarına göre ve dağılımın bağımsız veya bağımlı durumla başlamasına göre "Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı/bağımsız-bağımlı/bağımlı-bir bağımsız/bağımlı-bağımsız/bağımsız-bağımsız durumlu /bağımsız/bağımlı" kelimeleri getirilerek, simetrinin bağımlı durumların 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 eşitlik kullanılması durumunda gerekmedikçe yeni tanımlama yapılmayacaktır.

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

Bu kısımda bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlarda, simetrinin ilk herhangi ilk ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı olmayan simetrik olasılığın eşitlikleri verilmektedir.

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

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

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

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

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

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

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

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

$$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

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

$$S_{j_s, j_{ik}, j^{sa}}^{DOSD} = \sum_{}^{D + \boldsymbol{l_{ik}} + \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

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

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

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

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

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

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

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

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

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

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

$$\sum^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_s} \quad \sum_{ \quad j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}= \quad j_{sa}-s)}^{(\;)} \sum_{j_i=\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+2}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{ } \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n \quad s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i = n + \mathbb{k}}^{n} \sum_{}^{(n_i - j_s +} \sum_{n_{ik} = +\mathbb{k}_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{(2\cdot n_{iS}+j_s+\Bbbk_2 \cdots - s \cdots - \Bbbk)!}{(2\cdot n_{is}+2\cdots_s+\Bbbk_2-n_{ik}\cdots j_{ik}-\cdots-j_{sa}^s)!} \cdot$$

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

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

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

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

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

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

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

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

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

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

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

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

$$_{fz}S^{DOSD}_{\Rightarrow j_s,\,j_{ik},\,j^{sa},j_i} = \left(\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \right.$$

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

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

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

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

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

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

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

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

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

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

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+s-k-j^{ik}_{sa}+2}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

$$\left(\sum_{}^{D + \boldsymbol{l_{ik}} \quad \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik}} \quad \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} \right.$$

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

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

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

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

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

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

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

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

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

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

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

$$\sum_{=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_s} \sum^{(\ )}_{j_{sa}^{ik}+1}$$

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{(n\ \ s+1)} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i = n + \ldots}^{n} \sum_{n_{is} = n + \Bbbk \ldots 1)}^{\ldots - j_s + 1} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{\ldots j_{ik} - \Bbbk_1}$$

$$\sum_{\ldots sa = n - j^{sa} + 1)}^{\ldots + j_{ik} - j \ldots - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

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

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

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

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

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

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

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

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

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

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s = j_{ik} - j_{sa}^{ik}+1)}^{(\;)}$$

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

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

$$\sum_{(n_{sa}=\boldsymbol{n}+ \;)}^{(n_{ik}+j_{ik}- \;-\Bbbk_2)} \sum_{-\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{(n_{sa}=\ \ -j_{sa}+1)}^{(n_{ik}+j_{ik}\ \ \Bbbk_2)} \sum_{n_s=n-\ }^{n_{sa}-j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

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

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

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

$$\frac{(_{sa}-n_{s}\quad1)!}{(j_i-j^{sa}-1)\cdots(n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

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

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

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

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

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

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

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

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

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

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}-s-\Bbbk-\Bbbk)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j_{ik}-\boldsymbol{n}-\Bbbk-\Bbbk-j_{sa}^s)} \cdot$$

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

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

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

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

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

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

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

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

$j_{sa} \le \quad - 1 \wedge j_{sa}^{ik} \quad a - 1 \wedge j_{sa}^s = \quad \wedge$

$\boldsymbol{s}.\ (j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \quad j_{sa}, \cdots, \quad) \wedge$

$s \ge \quad \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\quad_z: z = z \quad \Bbbk = \Bbbk_1 + \Bbbk \Rightarrow$

$${}_{fz}S^{DOSD}_{\Rightarrow j_s,\,j_{ik},j^{sa},j_i} = \sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

$$\sum_{=D+\boldsymbol{l_{ik}}+s \quad -\boldsymbol{l_i}-j_{sa}^{ik}+2} \;\; \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \;\; \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \;\; \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \;\; \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

$$\sum_{k}^{D + \boldsymbol{l_s} + s} \sum_{(j_s = j_{ik} - j_{sa}^{ik})}$$

$$\sum_{j_{ik} = \text{\_} + j_{sa}^{ik} - j_{sa}} \sum_{(\text{\_} = j_i + j_{sa} - s)}^{(\quad)} \sum_{j_{\text{\_}}}^{\boldsymbol{l_s} + s - k} _{\text{\_} + \boldsymbol{n} - D}$$

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

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

$$\frac{(\text{\_} n_{is} + \text{\_} + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + \text{\_}_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

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

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

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

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

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

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

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

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

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

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

$$s \geq 4 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$$

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

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(l_s+n-D)}^{(j_{ik}-j_{sa}^{ik}+}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=n_{ik}+j_{sa}+1)}^{(n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

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

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

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

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

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

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

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

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

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

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

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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

$${}_{fz}S^{DOS}_{\Rightarrow j_s, j_{ik}, sa, j_i} = \left(\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} \right.$$

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

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

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

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

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

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

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

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

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

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

$$\sum^{D + \boldsymbol{l_{ik}} \quad \boldsymbol{n} - l_i - j^{\quad}_{sa}} \qquad \sum^{(\quad)}_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}$$

$$\sum^{j^{ik}_{sa} - k}_{j_{ik} = \boldsymbol{l_s} + \quad j^{ik}_{sa} - D - 1} \sum^{(\quad)}_{(j^{sa} = j_i + j_{sa} - s)} \sum^{\boldsymbol{l_{sa}} + s - k - j_{sa} + 1}_{j_i = \boldsymbol{l_s} + s - k + 1}$$

$$\sum^{n}_{n_i = \boldsymbol{n} + \Bbbk} \sum^{(n_i - j_s + 1)}_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum^{n_{is} + j_s - j_{ik} - \Bbbk_1}_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}$$

$$\sum^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)} \sum^{n_{sa} + j^{sa} - j_i}_{n_s = \boldsymbol{n} - j_i + 1}$$

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

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

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

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

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

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

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

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

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j}{}_{+2} \sum_{(j_s=j_{ik}-j_{sa}^{ik})}$$

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

$$\sum_{=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}}^{(n_i-j_s+1)}{}_{-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{ik+j_{ik}-j^{sa}-\Bbbk_2} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

$$\left(\sum_{k=1}^{D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} \right.$$

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

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk \ + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 \ - \ + 1}^{n_{is} + j_s \ - k - \Bbbk_1}$$

$$\sum_{=n - j^{sa}}^{(n_{ik} + j_{ik} - \ \Bbbk_2)} \sum_{- j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{(n_{sa}=\boldsymbol{n})}^{(n_{ik}+j_{ik}-\quad)} \sum_{n_s=\boldsymbol{n}-j_i}^{n_{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{\cdots}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{\cdots=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-\cdots}$$

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

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

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

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

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

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

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

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

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

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

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

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} - \boldsymbol{l}_{ik} - j_{sa})}{(j_{ik} + \boldsymbol{l}_{sa} - j^{s} - \boldsymbol{l}_{ik})! \cdot (^{a} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l}_i _a - \boldsymbol{l}_{sa} s)!}{(+ \boldsymbol{l}_i - j_i - \boldsymbol{l}_s)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D + \boldsymbol{l}_s + s - \boldsymbol{n} - \boldsymbol{l}_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()}$$

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

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

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

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

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

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

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

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

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

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

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

$$D \geq n < n \wedge I = \Bbbk \geq 0 \wedge$$

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

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

$$s \geq 4 \wedge s = s + \Bbbk \wedge$$

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

$$S^{DOS}_{\Rightarrow j_s, j_{ik}, \cdots, j_i} = \sum_{k=1}^{+l_s + s - n - l_i} \sum_{(j_s = l_s + n - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

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

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

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

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

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

$$D > \boldsymbol{n} < n$$

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

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

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

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

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

$$\sum_{k \quad}^{D + \boldsymbol{l_s} + \quad - \boldsymbol{l_i}} \sum_{\quad (\quad_s + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

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

$$\sum_{n_i = \boldsymbol{n} + \Bbbk} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n \quad + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=n+\mathbb{k}}^{n} \sum^{(n_i-j_s+\ )} \sum_{n_{ik}}^{n_{is}+j_s-j_{ik}}{}_{+\mathbb{k}_2-j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

$$\left(\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{\cdot}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n-j_i+1}^{n_{sa}+j^{sa}-}$$

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

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

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

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

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

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

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

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

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

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

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

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\ \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

$$\sum_{k=1}^{\cdots + \boldsymbol{l_s} + s - \boldsymbol{n} \cdots} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

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

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

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

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

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

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

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

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

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

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

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

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

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

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

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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

$$
{}_{fz}S_{\Rightarrow j_s, j^{sa}, j_i}^{D, D, D} \sum_{k=1}^{s - \boldsymbol{n} - (j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}
$$

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

$$
\sum_{j_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}
$$

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

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

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

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

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

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

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

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

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

$$\sum \sum_{(j_s = l_s + n}$$

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

$$\sum_{= n + \Bbbk} \sum_{(n_{is} = n - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{ik + j_{ik} - j^{sa} - \Bbbk_2} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{(n_{sa}=\boldsymbol{n}-\ \ +1)}^{} \sum_{n_s=\boldsymbol{n}-j_i+1}^{}$$

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\ \ \ -j^{sa}+1)}^{(n_{ik}+j_{ik}\ \ \ \ -\Bbbk_2)} \sum_{n_s=n-\ \ \ \ 1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}\quad\Bbbk-\quad)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j\quad-\boldsymbol{n}-\Bbbk\quad\quad j_{sa}^s)!}\cdot$$

$$\frac{1}{(\boldsymbol{n}\quad_a-j_s-s)!}$$

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

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

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

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

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

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

$D \geq \boldsymbol{n} < n \wedge l\quad \Bbbk \geq 0 \wedge$

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

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

$s \geq \quad s = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \quad = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S^{DOSD}_{\Rightarrow j_s\,,j_{ik},j^{sa},j_i} = \left(\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

$$\sum_{k=1}^{D+\boldsymbol{l}_s+s-\boldsymbol{n}-\boldsymbol{l}_i} \sum_{(j_s=\boldsymbol{l}_s+\boldsymbol{n}-D)}^{(\boldsymbol{l}_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l}_{ik}+\boldsymbol{n}-D}^{\boldsymbol{l}_{ik}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l}_{ik}+s-k-j_{sa}^{ik}+2}^{\boldsymbol{l}_{sa}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \quad \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \quad \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \quad \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

$$D > \boldsymbol{n} < n$$

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

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

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

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

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

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

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

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

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

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

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

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

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

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

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

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

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

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

$$\frac{(\boldsymbol{l} + j_{sa} - \boldsymbol{l_{sa}} \cdots s)!}{(j^{sa} + \boldsymbol{l_i} - \cdots \cdots)(j_i + j_s \cdots - j^{sa} - s)!}$$

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

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s \cdots - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

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

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{=\boldsymbol{l_{ik}}+\boldsymbol{n}}^{-k+1} \sum_{(\quad_{sa}+\boldsymbol{n}-D)}^{(j_i+j_s-s-1)} \sum_{j_i=\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+2}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

$$\sum_{k=1}^{D+l_s+\dots-l_i} \sum_{\dots n-D)}^{(l_s-k+1)}$$

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

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n\dots+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

$$D > \boldsymbol{n} < n$$

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

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

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

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

$$\sum_{k=D+\boldsymbol{l_s}+s-\ +1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-\ } \quad \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}- \ )}^{(\boldsymbol{l_s}\ +1)}$$

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

$$\sum_{\ =\boldsymbol{n}+\Bbbk}^{n} \quad \sum_{(n_{is}=\boldsymbol{n}+\ -j_s+1)}^{(n_i-j_s+1)} \quad \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{\ k+j_{ik}-j^{sa}-\Bbbk_2} \quad \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=n}^{n} \sum_{(n_{is}=n+\Bbbk_1+1)}^{n_i-j_s} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is} - j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{n_{ik}+j_{ik}-j-\Bbbk_2)} \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-)}^{(\boldsymbol{l_s}-k+1)}$$

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

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

$$\sum_{(n_{sa}=\quad sa+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{\quad j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}-s-\Bbbk-\Bbbk)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j_{ik}-s-\Bbbk-\Bbbk-j_{sa}^s)!}\cdot$$

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

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

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

$D\geq n<n\wedge l_s\quad D-n\quad 1\wedge$

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

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

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

$D\geq n<\quad J=\Bbbk\geq 0\wedge$

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

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

$s\geq 4\wedge s=s+\Bbbk\wedge$

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

$$D > \boldsymbol{n} < n$$

$$
_{fz}S^{DOSD}_{\Rightarrow j_s,\, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+l_{ik}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

$$\frac{(\boldsymbol{l}_{sa} + j_{sa}^{ik} - \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa}\,\,\,\,\, j^{sa} - \boldsymbol{l}_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=D+\boldsymbol{l}_{ik}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}^{ik}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \ \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \ \Bbbk - j_{sa}^s)!} \cdot$$

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

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

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

$D \geq n < n \land l_s > D - n + 1 \land$

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

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

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

$D \geq n < n \land I = \Bbbk \geq 0 \land$

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

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

$s \geq 4 \land s = s + \Bbbk \land$

$\Bbbk_z : z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j_{sa}, j_i}^{DOS} = \left(\sum_{D \ldots +s-n-l_i \ldots j_{sa}^{ik}+1} \quad \sum_{(j_s = j_{ik} - j_{sa}^{ik}+1)}^{(\quad)} \right.$$

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

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

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

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

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

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

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

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

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

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

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

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

$$\sum_{= \boldsymbol{n} + \Bbbk \,(n_i - j_s + 1)}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{\cdots k + j_{ik} - j^{sa} - \Bbbk_2} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{}^{(n_i-j_s+} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n-}^{(+j_{ik}-j^{sa}-\Bbbk_2} \sum_{n_s=n-j_i+1}^{j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

$$D > \boldsymbol{n} < n$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{i}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

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

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

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

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

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

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

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

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

$$\frac{(\boldsymbol{l}_i+j_{sa}-\boldsymbol{l}_{sa}-s)!}{(j^{sa}+\boldsymbol{l}_i-j_i-\boldsymbol{l}_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=D+\boldsymbol{l}_{ik}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}^{ik}+2}^{D+\boldsymbol{l}_{sa}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}+1}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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

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

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \;)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\; - 1)!}{(n_s + \; - \boldsymbol{n} - 1 \; - j_i)!} \cdot$$

$$\frac{(\; k - 1)!}{(j_s - k \;)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} - \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j^{sa} - \boldsymbol{l}_{ik})! \cdot (\; + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l}_i + \; - \boldsymbol{l}_{sa} - s)!}{(\; + \boldsymbol{l}_i - j_i - \boldsymbol{l}_s \;)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k = D + \boldsymbol{l}_{sa} + s - \boldsymbol{n} - \boldsymbol{l}_i - j_{sa} + 2}^{D - \boldsymbol{n} + 1} \; \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\;)}$$

$$\sum_{j_{ik} = \boldsymbol{l}_{ik} + \boldsymbol{n} - D}^{\boldsymbol{l}_{ik} - k + 1} \; \sum_{(j^{sa} = \boldsymbol{l}_{sa} + \boldsymbol{n} - D)}^{(\boldsymbol{l}_{sa} - k + 1)} \; \sum_{j_i = \boldsymbol{l}_i + \boldsymbol{n} - D}^{\boldsymbol{l}_i - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \; \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \; \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \; \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} -}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (l_{sa} + j_{sa}^{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} -)! \cdot (j_i + - j^{sa} - s)!}$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{+\boldsymbol{l_s} + s - \boldsymbol{n}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa}}^{(\boldsymbol{l_{ik}} + j_{sa} - k - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)}^{} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{\cdots,\, j_{ik},\, j^{sa},\, j_i} \sum_{k=\cdots}^{D+\cdots-\cdots^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{\cdots}=\cdots+\boldsymbol{n}+j_{sa}^{\cdots}-1}^{j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l}_{i\cdots}+j_{sa}-D-s)}^{\cdots+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{j=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot
$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$$

$$\sum_{k=1}^{D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = l_s + n + j_{sa}^{ik} - D}^{l_s + j_{sa}^{ik} - k} \sum_{l_s + j_{sa} - k + 1}^{(l_i + j_{sa} - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{n + \Bbbk - j_s + 1}^{(- j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{j_{ik} - \Bbbk_1}$$

$$\sum_{sa = n - j^{sa} + 1}^{(+ j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2+1}^{n_{is}+j_s-n_{ik}-\Bbbk_1}$$

$$\sum_{n_{sa}=\boldsymbol{n}-j}^{(n_{ik}+j_{ik}-\Bbbk_2)} \sum^{n_{sa}+j^{sa}-j}_{n-j_i+1}$$

$$\frac{(\ - n_{is} - 1)!}{(\ -2)! \cdot (\ - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n\ - n_{ik} - 1)!}{(\ - j_s - 1) \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j\ - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{n} \sum_{\substack{(n_i-j_s+1)\\ n_{ik}=n_{is}+j_s-j_{ik}}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=\quad+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}\quad\Bbbk-\quad)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j_{\quad}-n-\Bbbk\quad\quad j_{sa}^s)!}\cdot$$

$$\frac{1}{(n\quad _a-j_s-s)!}$$

$$\frac{(l_s-\quad}{(l_s-\quad-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\quad-l_i)!}{(D\quad j_i-n-l_i)!\cdot(n-j_i)!}$$

$D \geq n < n \wedge l_s > D-n+\quad$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s \quad^{ik}_a -1 \leq j_{ik}\quad^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-\quad \wedge j^{sa}+s-j_{sa}\quad j_i \leq n \wedge$

$l_{ik}-j_{sa}+\quad > l_s \wedge \quad +j_{sa}^{ik}-j_{sa}=\quad \quad l_i+j_{sa}-s=l_{sa} \wedge$

$D \geq n < n \wedge l\quad \Bbbk \geq 0 \wedge$

$j_{sa} \quad -1 \wedge j_{sa}^{ik}=\quad -1 \wedge j_{sa}=j_{sa}^{ik}-1 \wedge$

$s: \{j_{sa}^s, \Bbbk_1, \quad^k \Bbbk_2, j_{sa}, \cdots \quad_{sa}^i\} \wedge$

$s \geq \quad s = s+\Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \quad = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} + j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+j_{sa}-k+1)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - n - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - k - 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - j_{sa}^{ik} - 1)!}{(j_s + l_{ik} - j_{ik} - l_s) \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k = D + l_s + s - n - l_i + 1}^{D - n + 1} \sum_{(j_s = l_s + n - D)}^{(l_s - k + 1)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)}^{(l_i + j_{sa} - k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s \quad_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\quad)!}{(D + j \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad j_i)!} -$$

$$\sum_{k=}^{D+\boldsymbol{l_s}+s} \sum_{(\quad -j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\quad+j_{sa}^{ik}-j_{sa}}^{(\boldsymbol{l_s}+\quad k)} \sum_{(j^{sa}=\quad a+j_{sa}-D-s)}^{} \sum_{j_i=j^{sa}+s-j_{sa}}^{}$$

$$\sum_{=\boldsymbol{n}+\Bbbk}^{(n_i-\quad1)} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}^{}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}^{}$$

$$\frac{(\quad n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(\quad_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$$l_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s} : \left\{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$
{}_{fz}S^{DOSD}_{\Rightarrow j_s\,, j_{ik}, j^{sa}, j_i} = \left(\sum_{k=}^{\left(D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - l_i - j_{sa}^{ik} + 1 \right)} \right._{(j_s = j_{ik} - 1)}
$$

$$
\sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa}^{ik} - 1}^{j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \ldots + j_{sa} - D - \ldots)}^{(\boldsymbol{l_s} + j_{sa} - k)} \sum_{\ldots}^{\ldots s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \ldots \Bbbk - j_s + 1)}^{(n_i - j_s)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(\ldots + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}
$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa} \right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} \right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_s}+j_{sa}-k+1)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{\quad}^{\quad +s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk\quad+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2\quad +1}^{n_{is}+j_s\quad_{ik}-\Bbbk_1}$$

$$\sum_{sa=\boldsymbol{n}-j}^{(n_{ik}+j_{ik}-\quad\Bbbk_2) n_{sa}+j^{sa}-j} \sum_{\quad}^{\quad-j_i+1}$$

$$\frac{(\quad - n_{is} - 1)!}{(\quad 2)! \cdot (\quad - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n\quad - n_{ik} - 1)!}{(\quad - j_s - 1\quad \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j\quad - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=n-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i\quad-1)}{(j_s-2)\quad(n_i-n_{is}\quad-1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}\quad1)!}{(j_{ik}-j_s\quad)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}\quad n_{sa}-1)!}{(j^{sa}-j_{ik}\quad1)!\cdot(n\quad+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(\quad_{a}-n_s\quad1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}\Bigg) +$$

$$\Bigg(\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(\boldsymbol{l_{sa}} + j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\quad - 1)!}{(n_s + \quad - \boldsymbol{n} - \quad - j_i)!} \cdot$$

$$\frac{(\quad k - 1)!}{\quad_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} \quad \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j^{\quad} \quad \boldsymbol{l}_{ik})! \cdot (\quad^a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l}_i \quad_a - \boldsymbol{l}_{sa} \quad s)!}{(\quad + \boldsymbol{l}_i - j_i - \boldsymbol{l}_s \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l}_{ik} + s - \boldsymbol{n} - \boldsymbol{l}_i - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = \boldsymbol{l}_s + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\boldsymbol{l}_s + j_{sa}^{ik} - k} \sum_{(j^{sa} = \boldsymbol{l}_s + j_{sa} - k + 1)}^{(\boldsymbol{l}_{sa} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l}_i - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} +}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (\ {sa} + j_{sa}^{ik} - \quad - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - \quad)! \cdot (j_i + \quad - j^{sa} - s)!} \cdot$$

$$\frac{(D - }{(D + j_i \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{=D + \boldsymbol{l_{ik}} + s \quad - \boldsymbol{l_i} - j_{sa}^{ik} + 2}^{D + \boldsymbol{l_{sa}} + \quad \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} \quad + j_{sa}^{ik} - D - 1}^{+ j_{sa}^{ik} - k} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s - 1)} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - \ )!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(\ \ )!}{(D + j_{\ } \ \mathbf{n} - \mathbf{l_i})! \cdot (\ \ j_i)!} +$$

$$\sum_{k=D+\mathbf{l_{ik}}}^{D+\mathbf{l_{sa}}+s-\mathbf{n}-\mathbf{l_i}-j_{sa}} \sum^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_s}+\mathbf{n}-k-D-1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\mathbf{l_i}+\ _{sa}-D-s)}^{(\mathbf{l_{sa}}-k+\ )} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=\mathbf{n}+\Bbbk}^{\ } \sum_{(n_{is}=\mathbf{n}+\Bbbk-j_s+1)}^{(n_{\ s}+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s\right)!}{\left(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - s\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - \text{...})}$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-\text{...}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s = j_{ik}... j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+...}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+...D)}^{...-k+1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{...1}$$

$$\sum_{n_i=\boldsymbol{n}+...}^{n} \sum_{n_s=\boldsymbol{n}+\Bbbk-j...1)}^{...-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{...j_{ik}-\Bbbk_1}$$

$$\sum_{...sa=\boldsymbol{n}-j^{sa}+1)}^{...+j_{ik}-j^{s}...-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s\right)!}{\left(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - s\right)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}\Bigg)-$$

$$\sum_{k=1}^{D+l_s+s-n-l_i}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-k)}\sum_{j_i^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n}\sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=n_{is}+j_s-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}-j_{sa}^{ik})}^{(\;)}\sum_{j_i^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}-s-\Bbbk-\Bbbk)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j_{ik}-s-\Bbbk-\Bbbk-j_{sa}^s)!}\cdot$$

$$\frac{1}{(n+j_{sa}^s-j_s-s)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}$$

$D\geq n<n\wedge l_s\quad D-n\quad 1\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{sa}=j_i+\quad-s\wedge j^{sa}\quad s-j_{sa}\leq j_i\leq n\wedge$

$l_{ik}-\quad+1>\quad sa+j_{sa}^{ik}-j_{sa}=l_{ik}\wedge l_i+j_{sa}-s>l_{sa}\wedge$

$D\geq n<n\quad l=\Bbbk\geq 0\wedge$

$<j^i\quad 1\wedge j_{sa}^{ik}=j_{sa}-1\wedge j_{sa}^s=j_{sa}^{ik}-1\wedge$

$s:\{j_{sa}^s,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^i\}\wedge$

$s\geq 4\wedge s=s+\Bbbk\wedge$

$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\Rightarrow$

$$_{fz}S^{DOSD}_{\Rightarrow j_s,\,j_{ik},j^{sa},j_i} = \left(\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j^{ik}_{sa}+1)} \right.$$

$$\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}-\ -j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-\ +1)}^{(n_{ik}+j_{ik}-\ )} \sum_{n_s=\boldsymbol{n}-j_i+}^{\ sa-j_i}$$

$$\frac{(\ -n_{is}\ -1)!}{(j_s\ \ )! \cdot (n_i\ \ +1)!} \cdot$$

$$\frac{(n_{is}-\ -1)!}{(j_{ik}-j_s\ )! \cdot (n_{is}\ j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}\ n_{sa}-1)!}{(j^{sa}\ -1)!\ n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j^{ik}_{sa}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})! \cdot (j_{ik}-j_s-j^{ik}_{sa}+1)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+j_{sa}-k+1)}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j^{ik}_{sa}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-\;\;-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}\;\;-n_{sa}-j\;\;)!}\cdot$$

$$\frac{(n_{sa}\;\;-1)!}{(\;\;j^{sa}-1)\cdot(n_{sa}+j\;\;-j_i)!}\cdot$$

$$\frac{(\;\;n_s-1)!}{(\;\;+j_i-n\;\;1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l}\;\;j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s-\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \ )!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{(\quad - 1)!}{(n_s + \quad - \boldsymbol{n} - \quad - j_i)!} \cdot$$

$$\frac{(\quad k - 1)!}{j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} \quad - j_{sa}^{ik} \quad}{(j_s + \boldsymbol{l_{ik}} \quad - \boldsymbol{l_s}) \quad (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\left. \frac{(D - \quad _i)!}{(D + \quad - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) +$$

$$\left(\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(j_{ik} - j_{sa}^{ik} + 1)} \right.$$

$$\sum_{ik = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \boldsymbol{n} + j_{sa} - D - j_{sa}^{ik})}^{(\boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s - 1)} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} \cdots)} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1) \cdots (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa} - 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s}) \cdots (j_{ik} - j_s - 1)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - \cdots)! \cdot (j_i + \cdots - j^{sa} - s)!} \cdot$$

$$\frac{(D - \cdots)}{(D + j_i \cdots \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s \cdots - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = j^{sa} + j_s^{i} \cdots j_{sa}}^{(\boldsymbol{l_s} + j_{sa} - k)} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)}^{\boldsymbol{l_i} - k + 1} \sum_{j_i = j^{sa} + s - j_{sa} + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + \ldots)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(\ldots\ldots)!}{(D + j_\ldots - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\ldots - j_i)!} +$$

$$\sum_{\ldots}^{D + \boldsymbol{l_s} + \ldots - \boldsymbol{l_i}} \sum_{(\ldots - \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = \ldots + j_{sa}^{ik} - j_{sa}}^{(\ldots_{ik} + j_{sa} - \ldots_{ik} + 1)} \sum_{(j^{sa} = \boldsymbol{l}\ldots_{sa} - k + 1)}^{\ldots} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{\ldots} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n\ldots_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{\left(j_s + l_{ik} - j_{ik} - l_s\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_i + j_{sa} - l_{sa} - s\right)!}{\left(j^{sa} + l_i - j_i - l_{sa}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - s\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s ... +n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_i+n+...-D-s-1)} \sum_{...}^{...} \sum_{j_i=l_i+n-D}^{...+1}$$

$$\sum_{n_i=n+...}^{n} \sum_{n_{is}=n+\Bbbk ...}^{...} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}...-j_{ik}-\Bbbk_1}$$

$$\sum_{...=n-j^{sa}+1}^{...+j_{ik}-...-\Bbbk_2)} \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{\left(j_s + l_{ik} - j_{ik} - l_s\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_i + j_{sa} - l_{sa} - s\right)!}{\left(j^{sa} + l_i - j_i - l_{sa}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - s\right)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)} \sum_{j_i=}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\ldots+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\ldots+1}^{n_{is}+j_{\ldots}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-\ldots)}^{(n_{ik}+j_{ik}-\ldots-\Bbbk_2)} \sum_{\ldots}^{n_{sa}+j^{sa}-\ldots} \sum_{\ldots}^{n-j_i+1}$$

$$\frac{\ldots - n_{is} - 1)!}{(\ldots - 2)! \cdot (\ldots - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{\ldots} - n_{ik} - 1)!}{(\ldots - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j_{\ldots} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+l_{sa}+s-\boldsymbol{n}-l_i-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(l_{ik}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=l_i+\boldsymbol{n}}^{l_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\ldots+1)}^{(n_{ik}+j_{ik}-\ldots)} \sum_{n_s=\boldsymbol{n}-j}^{\ldots n_{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (\ldots-j_s+1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}-j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\ldots-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\left. \frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=\ +j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} \quad \Bbbk - \ )!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j \quad -\boldsymbol{n} - \Bbbk \quad j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} \quad {}_a - j_s - s)!}$$

$$\frac{(\boldsymbol{l_s} \quad }{(\boldsymbol{l_s} - \quad -k+1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\quad -\boldsymbol{l_i})!}{(D \quad j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} +$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \quad {}^{ik} - 1 \leq j_{ik} \quad {}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - \quad \wedge j^{sa} + s - \quad j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - {}_{sa} + \quad > \boldsymbol{l_s} \wedge \quad + j_{sa}^{ik} - j_{sa} > \quad \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge l \quad \Bbbk \geq 0 \wedge$

$j_{sa} \quad \quad -1 \wedge j_{sa}^{ik} = \quad -1 \wedge j_{sa} = j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \Bbbk_1, \quad {}^k \quad \Bbbk_2, j_{sa}, \cdots \quad {}_{sa}^i\} \wedge$

$s \geq \quad \quad s = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \quad = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s - \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+j_{sa}-k+1)}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - j_s - j_{sa}^{ik} + 1)!}{(j_s + j_{sa} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+2)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \ )!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \ n_s - j_i)!} \cdot$$

$$\frac{ \ -1)!}{(n_s + \ -\boldsymbol{n} - \ - j_i)!} \cdot$$

$$\frac{(\ k-1)!}{\ _s - k \ )! \cdot (j_s - 2)!}$$

$$\frac{(\boldsymbol{l_{ik}} \ - j_{sa}^{ik} \ }{(j_s + \boldsymbol{l_{ik}} \ - \boldsymbol{l_s}) \ (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j \ - \boldsymbol{l_{ik}} - \ )!}{(j_{ik} + \boldsymbol{l} \ - j^{sa} - \boldsymbol{l_{ik}}) \ (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} + \cdots)} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - \cdots - 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s}) \cdots (j_{ik} - j_s - \cdots + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - \cdots)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \cdots) \cdots (\cdots^{sa} + j_{sa} \cdots j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i}) \cdots}{(D + j_i - \cdots - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{\cdots + \boldsymbol{l_s} + s - \boldsymbol{n} - i} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = j^{sa} \cdots^k - j_{sa}}^{(\boldsymbol{l_s} + j_{sa} - k)} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \left\{ j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i} \right\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$${}_{fz}S_{\Rightarrow j_s, \ldots sa, j_i}^{DO\ldots} = \sum_{k=1}^{\ldots - \boldsymbol{n} - \ldots (j_{ik} - j_{sa}^{ik} + 1)} \ \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} \ldots D}^{\ldots + j_{sa}^{ik} - j_{sa}} \ \sum_{(j^{sa} = \boldsymbol{l} \ldots + j_{sa} - D - s)}^{\ldots - j_{sa} - k)} \ \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{j_i = \boldsymbol{n} + \Bbbk}^{n} \ \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \ \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \ \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n})}^{D + \boldsymbol{l_s} + s} \sum \cdots$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + D}^{j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_s} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}^{j_{ik} = j_{sa}^{ik} + 1}$$

$$\sum_{=\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{ik + j_{ik} - j^{sa} - \Bbbk_2} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa}\right)!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+$$

$$\sum_{k=1}^{D+l_s+s-n-l_i}\sum_{(j_s=l_s+n-D}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-k+1}\sum_{(j^{sa}=l_{ik}+j_{sa}-k-j_{sa}^{ik}+}^{(l_{sa}-k+1)}\sum^{j^{sa}-j_{sa}}$$

$$\sum_{n_i=n+\mathbb{k}}^{n}\sum_{}^{(n_i-j_s+}\sum_{n_{ik}=+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n-}^{+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{n_s=n-j_i+1}^{j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-\quad)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(\quad_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(\quad^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(l_{ik}-l_s-j_{sa}^{ik}+1\right)!}{(j_s+l_{ik}-j_{ik}-l_s)!\cdot\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!}\cdot$$

$$\frac{\left(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa}\right)!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+$$

$$D > \boldsymbol{n} < n$$

$$\sum_{k=D+l_s+s-\boldsymbol{n}-l_i+1}^{D+l_{sa}+s-\boldsymbol{n}-l_i-j_{sa}+1} \quad \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{l_{ik}-k+1} \quad \sum_{(j^{sa}=l_i+\boldsymbol{n}+j_{sa}-D-s)}^{(l_{sa}-k+1)} \quad \sum_{j_i=j^{sa}+s-\cdots}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \quad \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \quad \sum_{n_{ik}=\cdots_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\cdots^{sa}+1)}^{(n_{ik}+j_{ik}-\cdots-\Bbbk_2)} \quad \sum_{n_s=\boldsymbol{n}-\cdots}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-\cdots-1)!}{(\cdots-2)!\cdot(\cdots-n_{\cdots}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s+1)!\cdot(n_{\cdots}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{\cdots}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}\right)+$$

$$\left(\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \quad \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=n-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2) \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} -) \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1) \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \cdot (n_i-n_{is} +1)!}$$

$$\frac{(n_{is}-n_i \quad 1)!}{(j_{ik}-j \quad (n_{is}+j \quad n_{ik}-j_{ik})!}$$

$$\frac{(n_{i} \quad n_{sa}-1)}{(j^{sa}-j_{ik} 1)! \cdot (\quad +j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+j_{sa}-k+1)}^{(l_{ik}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{i}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)}{(j_s-2 \quad (n_i-n_{is} \quad +1)!} \cdot$$

$$\frac{(n_{is}-n_{i} \quad 1)!}{(j_{ik}-j \quad (n_{is}+j \quad n_{ik}-j_{ik})!}$$

$$\frac{(n_{i} \quad n_{sa}-1)}{(j^{sa}-j_{i} \quad 1)! \cdot (\quad +j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(_{sa}-n_{s} \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+2)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{i}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)}{(j_s-2 \quad \cdot \; (n_i-n_{is} \quad +1)!} \cdot$$

$$\frac{(n_{is}-n_{i} \quad 1)!}{(j_{ik}-j \quad (n_{is}+j \quad n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{i} \quad n_{sa}-1)}{(j^{sa}-j_{ik} \quad 1)! \cdot (\quad +j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(\quad_{sa}-n_s \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-k+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=n-j_i+1}^{n_{sa}+j^{sa}\cdots}$$

$$\frac{(n_i \cdots -1)\cdots}{(j_s - 2\cdots \cdot (n_i - n_{is}\cdots + 1)!} \cdot$$

$$\frac{(n_{is} - n_{\cdots} - 1)!}{(j_{ik} - \cdots (n_{is} + \cdots - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{\cdots} - n_{sa} - \cdots}{(j^{sa} - j_{\cdots} - 1)! \cdot (\cdots + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(\cdots_{sa} - n_s \cdots 1)!}{(j_i - j^{sa} - 1\cdots (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(\cdots_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i \quad -1)}{(j_s-2)\cdot(n_i-n_{is}+1)!}$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-\;)\cdot(n_{is}+\;-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-\;\;)}{(j^{sa}-j_{ik}-1)!\cdot(\;+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)\cdot(n_{sa}+j^{sa}-n_s-j_i)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(l_{sa}-k+1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{l_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i - 1)}{(j_s - 2) \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - \cdots) \cdot (n_{is} + \cdots - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - \cdots}{(j^{sa} - j_{ik} - 1)! \cdot (\cdots + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1) \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{n} \sum_{(n_i-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)} \sum_{n_s=\ +j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} \ \ \Bbbk - \ )!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j\ \ - \boldsymbol{n} - \Bbbk \ \ \ \ j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} \ \ _a - j_s - s)!}$$

$$\frac{(\boldsymbol{l_s} - \ )}{(\boldsymbol{l_s} - \ - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\ - \boldsymbol{l_i})!}{(D \ \ j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + \ \ $

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \ \ \ ^{ik} - 1 \leq j_{ik} \ \ ^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - \ \wedge j^{sa} + s - j_{sa} \ \ j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - \ _{sa} + \ = \boldsymbol{l_s} \wedge \ \ + j_{sa}^{ik} - j_{sa} > \ \ \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge l \ \ \Bbbk \geq 0 \wedge$

$j_{sa} \ \ _i - 1 \wedge j_{sa}^{ik} = \ \ - 1 \wedge j_{sa} = j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \Bbbk_1, \ \ ^k \ \Bbbk_2, j_{sa}, \cdots \ \ _{sa}^i\} \wedge$

$s \geq \ \ \ s = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \ = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$${}_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\mathbf{n}+\Bbbk}^{n} \sum_{(n_{is}=\mathbf{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n \qquad - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} \qquad - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - \qquad - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} \qquad - n_{sa} - j \quad)!} \cdot$$

$$\frac{(n_{sa} \qquad - 1)!}{(\qquad j^{sa} - 1) \quad (n_{sa} + j \qquad - j_i)!} \cdot$$

$$\frac{(\qquad n_s - 1)!}{(\qquad + j_i - n \quad 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l} \qquad j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} \quad j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \ldots)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \ldots n_s - j_i)!} \cdot$$

$$\frac{\ldots - 1)!}{(n_s + \ldots - \boldsymbol{n} - \ldots \ldots - j_i)!} \cdot$$

$$\frac{(\ldots k - 1)!}{\ldots j_s - k \ldots)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} \ldots \boldsymbol{l}_{ik} - j_{sa})}{(j_{ik} + \boldsymbol{l}_{sa} - j^{\ldots} \ldots \boldsymbol{l}_{ik})! \cdot (\ldots^a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \ldots \boldsymbol{l}_i)!}{(D + \ldots - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k = D + \boldsymbol{l}_{ik} + s - \boldsymbol{n} - \boldsymbol{l}_i - j_{sa}^{ik} + 2}^{D \ldots 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l}_{ik} + \boldsymbol{n} - D}^{\boldsymbol{l}_{\ldots} k + 1} \sum_{(j^{sa} = \boldsymbol{l}_i + \boldsymbol{n} + j_{sa} - D - s)}^{(\boldsymbol{l}_i + j_{sa} - k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j^{ik}_{sa} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - \quad - j_{sa})!}$$

$$\frac{(\quad)!}{(D + j_i \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad j_i)!} -$$

$$\sum_{k=}^{D + \boldsymbol{l_s} + s - } \sum_{(- j^{ik}_{sa} + 1)}^{(\;)}$$

$$\sum_{j_{ik} = \quad \boldsymbol{n} + j^{ik}_{sa} - D - s}^{\boldsymbol{l_{ik}} - k + 1} \sum_{(j^{s} \quad k + j_{sa} - j^{ik})}^{} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{= \boldsymbol{n} + \Bbbk \; (n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - \quad)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\;)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(\quad n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(\quad_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j^s_{sa})!}$$

$$\frac{1}{(\boldsymbol{n} + j^s_{sa} - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$$D > \boldsymbol{n} < n$$

$$l_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge l_i + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s} : \left\{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \left(\sum_{k=}^{\left(D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - l_i - j_{sa}^{ik} + 1 \right)} \right.$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} +}^{\boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s - 1} \sum_{(j^{sa} =)}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{}^{s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} =)}^{(n_i - j_s)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(\; + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa} \right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} \right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-k+1)} \sum_{j_i \ldots sa+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk \ldots +1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2 \ldots +1}^{n_{is}+j_s \ldots ik-\Bbbk_1}$$

$$\sum_{\ldots sa=n-j}^{(n_{ik}+j_{ik}- \ldots \Bbbk_2)} \sum_{\ldots -j_i+1}^{n_{sa}+j^{sa}-j \ldots}$$

$$\frac{(\ldots - n_{is} - 1)!}{(\ldots - 2)! \cdot (\ldots - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n \ldots - n_{ik} - 1)!}{(\ldots - j_s - 1) \ldots (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j \ldots - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i - 1)}{(j_s - 2) \cdots (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - \cdots (n_{is} + \cdots n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - \cdots)}{(j^{sa} - j_{ik} - 1)! \cdot (\cdots + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1) \cdots (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(\cdots_k + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) +$$

$$\left(\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )} \right.$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{(\boldsymbol{l_s}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s-1}\sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)}\sum_{j_i=\boldsymbol{l_{sa}}+s-k-j_{sa}+2}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n}\sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \ )!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\quad - 1)!}{(n_s + \quad - \boldsymbol{n} - \quad - j_i)!} \cdot$$

$$\frac{(\quad k - 1)!}{(j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} \quad \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j \quad \boldsymbol{l}_{ik})! \cdot (\quad^a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l}_i \quad_a - \boldsymbol{l}_{sa} \quad s)!}{(\quad + \boldsymbol{l}_i - j_i - \boldsymbol{l}_s \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l}_{ik} + s - \boldsymbol{n} - \boldsymbol{l}_i - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = \boldsymbol{l}_i + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l}_{ik} - k + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l}_{sa} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l}_i - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} + \ldots)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - \ldots)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (\ldots_{sa} + j_{sa}^{ik} - j \ldots j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - \ldots)! \cdot (j_i + \ldots - j^{sa} - s)!} \cdot$$

$$\frac{(D - \ldots)}{(D + j_i \ldots \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{=D+\boldsymbol{l_{ik}}+s\ldots-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+\ldots-\boldsymbol{l_i}-j_{sa}\ldots} \left(\sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ \ )} \right)$$

$$\sum_{=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s - 1)} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$D > \boldsymbol{n} < n$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - \ldots)} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(\ldots)!}{(D + j \ldots \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\ldots j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}} \ldots \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}} \sum_{(\ldots j_{sa}^{ik}+1)}^{(\,)}$$

$$\sum_{j_{ik} \ldots +\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\ldots j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k\ldots)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_{\ldots}+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=D+l_{sa}+s-n-l_i-j+2}^{D-n+1} \sum_{(j_s = j_{ik} - j_{sa}^{ik}+1)}^{( )}$$

$$\sum_{j_{ik}=l_{ik}-k+1}^{\ } \sum_{(j^{sa}=l_{sa}-k+1)}^{\ } \sum_{j_i=l_i+n-D}^{\ }$$

$$\sum_{n_i=n}^{n} \sum_{(n_{is}=n+\Bbbk)}^{\ } \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}-j_{ik}-\Bbbk_1}$$

$$\sum_{a=n-j^{sa}+1}^{\ } \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$D > \boldsymbol{n} < n$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_{ik}} - k + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{}^{sa + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk -)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s}^{\Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} - j^{sa} -)}^{(\ )} \sum_{}^{j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + \cdot j_s + \Bbbk_2 - n - j_{ik} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \quad D - \boldsymbol{n} \quad 1 \wedge$

$2 \leq j \quad \leq j_{ik} - j_{sa}^{ik} + \quad j_s + j_{sa} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^a = j_i + \quad - s \wedge j^{sa} \quad s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} \quad k + 1 = \quad sa + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < \quad l = \Bbbk \geq 0 \wedge$

$< j^i \quad 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s} \colon \{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z \colon z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{\Rightarrow j_s,j_{ik},j^{sa},j_i} = \sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n-sa+1)}^{(n_{ik}+j_{ik}-\ )} \sum_{n_s=n-j_i}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(\ -n_{is}-1)!}{(j_s-2)!\cdot(n_i-\ +1)!}\cdot
$$

$$
\frac{(n_{is}-\ _{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(\ -j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot
$$

$$
\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot
$$

$$
\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+
$$

$$
\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} + j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} + j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(l_i+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\,- 1)!}{(n_s + - \boldsymbol{n} - 1)! \cdot (\,- j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(l_s - k - 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} - \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j^{s} - \boldsymbol{l}_{ik})! \cdot (\,^{a} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{\boldsymbol{l}_s + s - \boldsymbol{n} - \boldsymbol{l}_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\,)}$$

$$\sum_{j_{ik} = \boldsymbol{l}_i + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l}_{sa} - k} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\,)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\,)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \left\{ j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i} \right\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{sa}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD}$$

$$\sum_{k=1}^{D + \ldots - \boldsymbol{n} - l_i} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = l_i + \ldots}^{\boldsymbol{l_s} + j_{sa}^{\ldots}} \sum_{\ldots_{sa}^{ik} - D - s}^{(\ )} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + \right.}$$

$$\frac{(D - \boldsymbol{l_i})}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n}}^{D + \boldsymbol{l_s}}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + j_{sa}}^{\boldsymbol{l_i} + j_{sa}^{ik} - k - s +} \quad \sum_{(j^{sa} =}^{} \quad \sum_{j_i =}^{}$$

$$\sum_{=\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = }^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{k + j_{ik} - j^{sa} - \Bbbk_2} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k = D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} + 1}^{D - \boldsymbol{n} + 1} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_i} + j_{sa}^{ik} - k - s + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \ldots + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \ldots + 1}^{n_{is} + j_s \ldots + j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - \ldots)}^{(n_{ik} + j_{ik} - \ldots - \Bbbk_2)} \sum_{\ldots - j_i + 1}^{n_{sa} + j^{sa} - \ldots}$$

$$\frac{\ldots - n_{is} - 1)!}{(\ldots - 2)! \cdot (\ldots - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{\ldots} - n_{ik} - 1)!}{(\ldots - j_s - 1) \ldots (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j_{\ldots} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k = 1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=\,\,+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik}\,\,\,\,\Bbbk\,\,\,\,)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{\,\,} - n - \Bbbk - \,\,\,\, j_{sa}^s)!} \cdot$$

$$\frac{1}{(n +\,\,^s - j_s - s)!}$$

$$\frac{(l_s -\,\,\,\,}{(l_s - j\,\,\,- k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\,\,\, - l_i)!}{(D\,\,\, j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n +\,\,\,\,$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s\,\,\,\,^{ik} - 1 \leq j_{ik}\,\,\,\,^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} -\,\,\,\, \wedge j^{sa} + s - j_{sa}\,\,\,\, j_i \leq n \wedge$

$l_{ik} - j_{sa} +\,\,\,\, = l_s \wedge l_s\,\,\,\, + j_{sa}^{ik} - j_{sa} > l_{\,\,}\,\,\,\, l_i + j_{sa} - s > l_{sa} \wedge$

$D \geq n < n \wedge I\,\,\,\,\geq 0 \wedge$

$j_{sa} \leq\,\,\,\, - 1 \wedge j_{sa}^{ik} =\,\,\,\, - 1 \wedge j_{sa}^{\,} = j_{sa}^{ik} - 1 \wedge$

$s: \{j_{sa}^s, \Bbbk_1,\,\,\,\, \Bbbk_2, j_{sa}, \cdots\,\,\,\,^i_{sa}\} \wedge$

$s \geq\,\,\,\, = s + \Bbbk \wedge$

$\Bbbk_z: z = 2\,\,\,\, = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S^{DOSD}_{\Rightarrow j_s\,,j_{ik},j^{sa},j_i} = \left(\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \right.$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} + j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \_)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \_ n_s - j_i)!} \cdot$$

$$\frac{\_ - 1)!}{(n_s + \_ - \boldsymbol{n} - \_ \_ - j_i)!} \cdot$$

$$\frac{(\_ \_ k - 1)!}{j_s - k \_ \_)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} \_ \boldsymbol{l}_{ik} - j_{sa})}{(j_{ik} + \boldsymbol{l}_{sa} - j \_ \_ \boldsymbol{l}_{ik})! \cdot (\_^a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \_ \boldsymbol{l}_i)!}{(D + \_ - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l}_{ik}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}^{ik}+2}^{+\boldsymbol{l}_{sa}+s \_ \boldsymbol{l}_i-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

$$\sum_{j \_ =\boldsymbol{l}_s+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l}_s+j^{i \_} \_ k} \sum_{(j^{sa}=\boldsymbol{l}_i+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l}_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - \quad_{k} - j_{sa})!}$$

$$\frac{(D \quad)!}{(D + j_i \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad)!} \Bigg) +$$

$$\left(\sum_{=1}^{D + \boldsymbol{l_i} + s - \boldsymbol{n} - l_i - j_{sa}} \quad \sum_{\quad j_{sa}^{ik} + 1}^{(\ )} \right.$$

$$\sum_{j_{ik} = \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - } \quad \sum_{(j^s \quad \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(j_i + j_{sa} \quad 1)} \quad \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_{sa}} + s - k - j_{sa} + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{(n \quad_s + 1)} \quad \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{} \quad \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \quad \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa}\right)!}{\left(j_{ik}+l_{sa}-j^{sa}-l_{ik}\right)!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{\left(l_i+j_{sa}-l_{sa}-s\right)!}{\left(j^{sa}+l_i-j_i-l_{sa}\right)!\cdot\left(j_i+j_{sa}-j^{sa}-s\right)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)}$$

$$\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_i+n+j_{sa}^{ik}-D-s-1}\sum_{(\ +n-D)\,j_i}^{(l_{sa}-k}\sum_{+s-k-j_{sa}+2}^{l_i-k}$$

$$\sum_{n_i=n+\Bbbk}^{n}\sum_{(=n+\Bbbk-j)}^{(-j_s+1)}\sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{j_{ik}-\Bbbk_1}$$

$$\sum_{sa=n-j^{sa}+1)}^{(\,+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa}\right)!}{\left(j_{ik}+l_{sa}-j^{sa}-l_{ik}\right)!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \ \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1}^{(\quad)}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_s} + j_{sa}^{ik} - k} \ \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l_{sa}} - k + 1)}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \ \sum_{}^{(n_i - j_s +)} \ \sum_{n_{ik} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik}}$$

$$\sum_{(n_{sa} = \boldsymbol{n} -)}^{(n_{ik} - j^{sa} - \Bbbk_2)} \ \sum_{n_s = \boldsymbol{n} - j_i + 1}^{j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s -)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-\ )} \sum_{n_s=n-j_i}^{n_{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s+1)! \cdot (n_{is}-j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{\ldots}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{\ldots=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-\ldots}$$

$$\frac{(n_i \ldots -1)!}{(j_s-2) \ldots (n_i-n_{is} \ldots +1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}\ldots 1)!}{(j_{ik}-j_{\ldots}\ldots)!\cdot(n_{is}+j_{\ldots}n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}\ldots n_{sa}-1)!}{(j^{sa}-j_{ik}\ldots 1)!\cdot(n_{\ldots}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ldots_a-n_s\ldots 1)!}{(j_i-j^{sa}-1)\ldots(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{(_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j_i-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}+j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s -)!}$$

$$\frac{(\boldsymbol{l}_s - k -)!}{(\boldsymbol{l}_s - j_s - k + 1)! \, (\quad j_s - 2)!}$$

$$\frac{(D \quad)}{(D + j \quad \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} \quad j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j \quad + j_{sa}^{ik} \quad \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l}_s \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \quad \boldsymbol{l}_i + j_{sa} - s \quad \boldsymbol{l}_{sa} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} \quad \wedge j_{sa}^s = j_{sa}^{ik} \quad \wedge$

$\boldsymbol{s} : \{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \} \wedge$

$s \geq 4 \quad \boldsymbol{s} = s + \Bbbk$

$\Bbbk \quad z = 2 \wedge \Bbbk \quad \Bbbk_1 + \Bbbk_2$

$${}_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \left(\sum_{k=1}^{D+\boldsymbol{l}_s+s-\boldsymbol{n}-\boldsymbol{l}_i} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)} \right.$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(- 1)!}{(n_s + - \boldsymbol{n} - 1)! \cdots - j_i)!} \cdot$$

$$\frac{(k - 1)!}{(l_s - k)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - j^{ik}_{sa} +)}{(j_s + \boldsymbol{l_{ik}} - \boldsymbol{l_s}) \cdots (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(D \boldsymbol{l_i})!}{(D + - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+j^{ik}_{sa}-k+1}^{k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s \quad {}_{sa}^{ik} + 1\right)!}$$

$$\frac{()!}{(D + j \quad \boldsymbol{n} - \boldsymbol{l_i})! \quad j_i)!} +$$

$$\sum_{k \quad \boldsymbol{l_s} + s - }^{D + \boldsymbol{l_{sa}} + s - \boldsymbol{n} - \boldsymbol{l_i} \quad +1} \sum \sum^{(\boldsymbol{l_s} - k + 1)}_{(\quad s + \boldsymbol{n} - D)}$$

$$\sum_{j_{ik} \quad \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_{ik}} - k + 1} \sum_{(j^s \quad {}_{ik} + j_{sa} - j_{sa}^{k})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_{i} \quad s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik}-l_s-j_{sa}^{ik}+1\right)!}{\left(j_s+l_{ik}-j_{ik}-l_s\right)!\cdot\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!}\cdot$$

$$\left.\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}\right)+$$

$$\left(\sum_{k=1}^{D+l_s+s-n-l_i}\sum_{(\cdot=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik}+\cdot)}\right.$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1}\sum^{(\ )}\sum^{-k+1}_{-D}$$

$$\sum_{=n+\Bbbk}^{n}\sum_{(n_{is}+\Bbbk-j_s+}^{(n_i-j_s+1)}\sum_{-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk1}$$

$$\sum_{sa=n-j^{sa}+1)}^{(n_{ik}--j^{sa}-\Bbbk_2)}\sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(\cdots 2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(l_{ik}-l_s-j_{sa}^{ik}+1\right)!}{\left(j_s+l_{ik}-j_{ik}-l_s\right)!\cdot\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!}\cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2}^{n_{is}+j_{s-ik}-\Bbbk_1}$$

$$\sum_{sa=\boldsymbol{n}-j}^{(n_{ik}+j_{ik}-\Bbbk_2)} \sum^{n_{sa}+j^{sa}-j}_{-j_i+1}$$

$$\frac{(\ - n_{is} - 1)!}{(\ -2)! \cdot (\ - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n \ - n_{ik} - 1)!}{(\ -j_s-1) \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j \ - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-k+1}^{l_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{s2}-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\ \ -j_{sa}+1)}^{(n_{ik}+j_{ik}\ \ \Bbbk_2)} \sum_{n_s=n-j}^{n_{sa}\ \ j^{sa}-j_i}$$

$$\frac{(n_i - n_{\ } - 1)!}{(j_{s}\ \ 2)! \cdot (\ \ n_{\ }\ \ j_s + 1)!} \cdot$$

$$\frac{(n_{is}\ \ n_{ik} - 1)!}{(j_{ik} - j_s\ \ 1)! \cdot (n_{\ }\ \ j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik}\ \ n_{sa} - 1)!}{(j^{s\ }\ \ j_{ik} - 1)! \cdot\ \ n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(\ - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_i}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \quad (n_i-n_{is} \quad +1)!} \cdot$$

$$\frac{(n_{is}-n_{ik} \quad 1)!}{(j_{ik}-j \quad (n_{is}+j \quad n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik} \quad n_{sa}-1)}{(j^{sa}-j_{ik} \quad 1)! \cdot (n \quad +j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(\quad -n_s \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \ \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \ \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s-\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \ \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \ \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \ \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \ \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$D > \boldsymbol{n} < n$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1\right)!}{(j_s + \cdots - j_{ik} - \cdots) \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!}$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i}) \cdot (\boldsymbol{n} - j_i)}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \, l_i + j_{sa} - s \, l_{sa} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa} \quad 1 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - l_i} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{l_i + \boldsymbol{n} + j_{sa}^{ik} - D - s - 1} \sum_{(j^{sa} = l_i + \boldsymbol{n} + j_{sa} - D - s)}^{(\boldsymbol{l_i} + j_{sa} - k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s \quad)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\quad k - 1\quad)!}{(\boldsymbol{l_s} - \quad - k + \quad - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{s} \quad + 1)!}{(j_s + \boldsymbol{l_{ik}} - \quad)! \cdot (j_{ik} - \quad - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(\quad + j^{ik}_{sa} \quad \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \quad \boldsymbol{l_{ik}})! \cdot (\quad + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \quad \boldsymbol{l_i})!}{(D + \quad - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(j_{ik} - j^{ik}_{sa} + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j^{ik}_{sa} - D - s}^{\boldsymbol{l} \quad _{sa}^{k} - k} \sum_{(j^{sa} = j_{ik} + j_{sa} - j^{ik}_{sa})}^{(l_i + j_{sa} - k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} \quad\;)} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1) \quad (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - \quad 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s}\quad (j_{ik} - j_s \quad + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j^{ik}_{sa} - \boldsymbol{l_{ik}} - \quad)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \quad (\quad^{sa} + j_{sa} \quad j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s \quad - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l} \quad^{ik}_{sa} - k + 1}^{\quad - k + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j^{ik}_{sa})}^{(\boldsymbol{l_i} + j_{sa} - k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + \right)} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - - j_{sa}\right)!} \cdot$$

$$\frac{(D)!}{(D + j_i \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{l_i})!} +$$

$$\sum_{k + \boldsymbol{l_s} + s - \boldsymbol{n}}^{D - \boldsymbol{n} + 1} \sum_{ + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{\boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_{ik}} - k + 1} \sum_{(j^{sa} = + j_{sa} - D - s)}^{(\boldsymbol{l_i} + j_{sa} - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik}-l_s-j_{sa}^{ik}+1\right)!}{(j_s+l_{ik}-j_{ik}-l_s)!\cdot\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!}\cdot$$

$$\frac{\left(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa}\right)!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}$$

$$\sum_{k=}^{D+l_s+s-n-l_i}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D}^{l_s+j_{sa}^{ik}-k}\sum_{}\sum_{=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk\ (n_{ik}=n+\Bbbk-j_s+}^{(n_{i}+1)}\sum\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{=n_{ik}-j^{sa}-\Bbbk_2)}^{}\sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+\ +\Bbbk_2-n_{ik}-j_{ik}-s-\Bbbk-\ \Bbbk)!}{(2\ n_{is}+2\cdot j_s\ \Bbbk_2-n_{ik}-j_{ik}-n-\Bbbk-\ \Bbbk-j_{sa}^s)!}\cdot$$

$$\frac{1}{(n+j_{sa}^s-j_s-s)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}$$

$$D\ \ n\ \ \wedge l_s>D-n+1\wedge$$

$$2\le j_s\le j\ \ -j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\le j_{ik}\le j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j^{s}\ -j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\le j_i\le n\wedge$$

$$l_{ik}-j_{sa}^{ik}+1>l_s\wedge l_{sa}+j_{sa}^{ik}-j_{sa}>l_{ik}\wedge l_i+j_{sa}-s>l_{sa}\wedge$$

$$D\ge n<n\wedge I=\Bbbk\ge 0\wedge$$

$$j_{sa}\le j_{sa}^i-1\wedge j_{sa}^{ik}=j_{sa}-1\wedge j_{sa}^s=j_{sa}^{ik}-1\wedge$$

$\qquad D > \boldsymbol{n} < n$

$\boldsymbol{s}: \left\{ j_{sa}^s, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \left(\sum_{k=1}^{D + l_s + s - \boldsymbol{n} - l_i} \sum_{(j_s = l_s + \boldsymbol{n} - \cdots}^{(j_{ik} - j_{sa}^{ik} + 1)} \right.
$$

$$
\sum_{j_{ik} = l_{ik} + \boldsymbol{n} - D}^{l_i + \boldsymbol{n} + j_{sa}^{ik} - D - s - 1} \sum_{(j^{sa} = l_i + \boldsymbol{n} + j_{sa} - D - \cdots}^{(l_{sa} - k + 1)} \cdots - j_{sa}
$$

$$
\sum_{n_i = \boldsymbol{n} + \mathbb{k}}^{n} \sum_{\cdots + 1)}^{(n_i - j_s + \cdots} \sum_{n_{ik} \cdots + \mathbb{k}_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik}}
$$

$$
\sum_{(n_{sa} = \boldsymbol{n} - \cdots + 1)}^{\cdots + j_{ik} - j^{sa} - \mathbb{k}_2 \cdots} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{j^{sa} - j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - \cdots)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(\cdots_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(\cdots_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot
$$

$$
\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - l_i)!}{(D + j_i - \boldsymbol{n} - l_i)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=n}^{(n_{ik}+j_{ik}-)} \sum_{n_s=n-j_i}^{sa-j_i}$$

$$\frac{(-n_{is}-1)!}{(j_s-2)!\cdot(n_i-j_s+1)!}$$

$$\frac{(n_{is}-_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_{sa}-n_s-1)!}{(-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+j_{sa}^{ik}-k+1}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i-1)}{(j_s-2)\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}+1)!}{(j_{ik}-j_s)\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=l_i+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} + j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s - \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) +$$

$$\left(\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{\left(j_{ik}-j_{sa}^{ik}+1\right)} \right.$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{\left(j_{ik}+j_{sa}-j_{sa}^{ik}-1\right)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - j_{ik} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l) \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(l + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-S-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_{sa}}+s-k-j_{sa}+2}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - k - j_{sa}^{ik} + 1)!}{(j_s + k - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(k + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i-j^{sa}-1)!\cdot(\ldots+j^{sa}-n_s-\ldots)!}\cdot$$

$$\frac{(n_s\ldots 1)!}{\ldots+j_i\ldots\cdot(\boldsymbol{n}-j_i)!}$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s\ldots k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\ldots-j_{sa}^{ik}+1)!}{(j_s+\ldots-j_{ik}-\ldots)\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(\ldots+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+j_{sa}^{ik}-k+1}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - k - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - k)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s-1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - k - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - k)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(k + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - k - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - k)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(l + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_s} + j_{sa}^{ik} - k} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}-s-\Bbbk-\Bbbk)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j_{ik}-\boldsymbol{n}-\Bbbk-\Bbbk-j_{sa}^s)!}\cdot$$

$$\frac{1}{(\boldsymbol{n}+j_{sa}^s-j_s-\quad)!}$$

$$\frac{(l_s-k-\quad)!}{(l_s-j_s-k+1)!\,(\quad j_s-2)!}$$

$$\frac{(D\quad)}{(D+j\quad\boldsymbol{n}-l_i)!\cdot(\boldsymbol{n}\quad j_i)!}$$

$$D\geq \boldsymbol{n}<n\wedge l_s>D-\boldsymbol{n}+1\wedge$$

$$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{\quad}+j_{sa}^{ik}-\quad\wedge$$

$$j^{sa}=j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$$

$$l_{ik}-j_{sa}^{ik}+1=l_s\wedge l_{sa}+j_{sa}^{ik}-j_{sa}>l_{ik}\quad l_i+j_{sa}-s-\quad_{sa}\wedge$$

$$D\geq \boldsymbol{n}<n\wedge I=\Bbbk\geq 0\wedge$$

$$j_{sa}\leq j_{sa}^i-1\wedge j_{sa}^{ik}=j_{sa}\quad\wedge j_{sa}^s=j_{sa}^{ik}-\quad\wedge$$

$$\boldsymbol{s}:\{j_{sa}^s,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^i\}\wedge$$

$$s\geq 4\quad\boldsymbol{s}=s+\Bbbk$$

$$\Bbbk\quad z=2\wedge \Bbbk\quad\Bbbk_1+\Bbbk_2$$

$$_{fz}S_{\Rightarrow j_s\,,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{D+l_{ik}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1}\sum_{(j_s=l_{ik}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(l_i+\boldsymbol{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=l_i+\boldsymbol{n}+j_{sa}-D-s)}^{(l_i+j_{sa}-k-s+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\quad - 1)!}{(n_s + \quad - \boldsymbol{n} - \quad \quad - j_i)!} \cdot$$

$$\frac{(\quad k - 1)!}{(j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} \quad \boldsymbol{l}_{ik} - j_{sa})}{(j_{ik} + \boldsymbol{l}_{sa} - j \quad \boldsymbol{l}_{ik})! \cdot (\quad^a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \quad \boldsymbol{l}_i)!}{(D + \quad - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{l_i + \quad -j_{sa}^{ik} + 1} \sum_{(j_s = \boldsymbol{l}_i + \boldsymbol{n} - D - s + 1)}^{(\boldsymbol{l}_{ik} - k - j_{sa}^{ik} + 2)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l}_i + j_{sa} - k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s }$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - \ \ \ - j_{sa})!}$$

$$\frac{(\quad)!}{(D + \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad j_i)!} +$$

$$\sum_{k= \ \boldsymbol{l_{ik}}+s-\boldsymbol{n}- \ j_{sa}^{ik}+2}^{D-\boldsymbol{n}+1} \sum_{}^{\boldsymbol{l_{ik}}-k-j_{sa}^{ik}+2} \ (j_s \quad j_{sa}^{ik}+1)$$

$$\sum_{j_{ik}= \ +j_{sa}^{ik}-1}^{(\boldsymbol{l_i}+j_{sa}- \ +1)} \sum_{(j^{sa}=\boldsymbol{l} \ +j_{sa}-D-s)}^{} \sum_{j_i=j^{sa}+s-j_{sa}}^{}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk \ (n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n \quad _s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\pmb{l_{sa}} + j_{sa}^{ik} - \pmb{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \pmb{l_{sa}} - j^{sa} - \pmb{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \pmb{l_i})!}{(D + j_i - \pmb{n} - \pmb{l_i})! \cdot (\pmb{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\pmb{l_s}+s-\pmb{n}-\pmb{l_i}} \sum_{(j_s = l_i + \pmb{n} - D - s + 1)}^{\left(\pmb{l_{ik}} - k - j_{sa}^{ik} + 2\right)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa})}^{(\quad)} \sum^{\quad - j_{sa}}$$

$$\sum_{n_i = \pmb{n} + \Bbbk}^{n} \sum_{(n_{is} = \quad + \Bbbk)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \quad s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \quad j_{ik} - j^{sa})} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + \quad + \Bbbk_2 - n_{ik} \quad j_{ik} - s - \Bbbk - \Bbbk)!}{n_{is} \quad 2 \cdot j_s + \quad - n_{ik} - \quad k - \pmb{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\pmb{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\pmb{l_s} - k - 1)!}{(\pmb{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \pmb{l_i})!}{(D + j_i - \pmb{n} - \pmb{l_i})! \cdot (\pmb{n} - j_i)!}$$

$\quad \geq \pmb{n} \quad \wedge \pmb{l_s} > D - \quad + 1 \wedge$

$2 \leq j \quad \leq j_{ik} - \quad \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^s \quad = j_i \quad - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \pmb{n} \wedge$

$\pmb{l_{ik}} - j_{sa}^{ik} + \quad = \pmb{l_s} \wedge \pmb{l_{sa}} + j_{sa}^{ik} - j_{sa} > \pmb{l_{ik}} \wedge \pmb{l_i} + j_{sa} - s > \pmb{l_{sa}} \wedge$

$D \geq \pmb{n} < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$\pmb{s} : \left\{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$

$s \geq 4 \wedge \pmb{s} = s + \Bbbk \wedge$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$$
{}_{fz}S^{DOSD}_{\Rightarrow j_s,\, j_{ik},\, j^{sa},\, j_i} = \left(\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_i+n-D-s)} \right.
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{s}}
$$

$$
\sum_{n_i=n+\mathbb{k}}^{n} \sum_{(n_{is}=n+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{+\mathbb{k}_2}^{n_{is}+\;j_{ik}-\mathbb{k}_1} {}_{j_{ik}+1}
$$

$$
\sum_{-j^{sa}+}^{(n_{ik}+\;j^{sa}-\mathbb{k}_2)} \sum_{n_s=n-j_i+1}^{n_{sa}+j\;\;j_i}
$$

$$
\frac{(n_i - n_{is}}{(j_s-2)!\,(n_i-n_{is}-j_s+1)!} \cdot
$$

$$
\frac{-n_{ik}\;\;1)!}{(j_{ik}-j_s-1)!\,(n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n-n_{sa}-1)!}{(j_{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!} \cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!} \cdot
$$

$$
\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!} \cdot
$$

$$
\frac{\left(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa}\right)!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!} \cdot
$$

$$
\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!} +
$$

$$
\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{ik}-k-j_{sa}^{ik}+2)}
$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i\ -1)}{(j_s-2) \cdot (n_i-n_{is}\ +1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}\ 1)!}{(j_{ik}-j_s\ (n_{is}+j_s\ n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}\ n_{sa}-1)}{(j^{sa}-j_{ik}\ 1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s\ 1)!}{(j_i-j^{sa}-1) \cdot (n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}\right)+$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1}\sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_i}+\boldsymbol{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(j_i+j_{sa}-s-1)}\sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$D > \boldsymbol{n} < n$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1) \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(k - 1)}{(l_s - - k + - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik})!}{(j_{ik} + l_{sa} - j^{sa} (j^{sa} + j_s - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(l_i + - l_{sa} -)}{(j^{sa} + l_i - l_{sa}) \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D l_i)!}{(D + - \boldsymbol{n} - l_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+ s-\boldsymbol{n}- j_{sa}^{ik}+1} \sum_{(j_s = l_{ik} + \boldsymbol{n} - D - j_{sa}^{ik}+1)}^{(l_i + \boldsymbol{n} - D - s)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik}-1} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(l_{sa} - k + 1)} \sum_{j_i = l_{sa} + s - k - j_{sa} + 2}^{l_i - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - \quad - j_{sa})!}$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} \quad)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}} \quad)(j_i + j_{sa} \quad - s)!} \cdot$$

$$\frac{(\quad \boldsymbol{l_i})!}{(\quad - \boldsymbol{n} - \quad)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{=1}^{+\boldsymbol{l_{ik}}+s-\quad-j_{sa}^{ik}+1} \sum_{i_s = \boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\quad+\quad+2)}$$

$$\sum_{j_s + j_{sa}^{ik} - \quad + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l_{sa}} +1)} \sum_{j_i = j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i = \boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n}+\Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n}+\Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - \dots)}$$

$$\frac{(D - \boldsymbol{l_i})}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum \dots$$

$$\sum_{j_{ik}=j_s+k-1 \, (j^{sa} \dots + \boldsymbol{n} - D)}^{\dots} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\dots - k - j_{sa} + 1}$$

$$\sum_{=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n} \dots - j_s + 1)}^{\dots - j_s + 1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2 - j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{\dots_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa}\right)!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}\cdot$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-n-l_i-j_{sa}+1}\sum_{}^{(l_{ik}-\ldots j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum\sum$$

$$\sum_{n_i=n+\ldots}\sum\sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{\ldots j_{ik}-\Bbbk_1}$$

$$\sum_{\ldots sa=n-j^{sa}+1}^{\ldots+j_{ik}-j^{s\ldots}-\Bbbk_2)}\sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa}\right)!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+ \ldots)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{\ldots=\ldots\boldsymbol{n}-D}^{\ldots-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk\ldots}^{n} \sum_{\ldots=\ldots+1)}^{(n_i-j_s+\ldots)} \sum_{n_{ik}=\ldots+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-\ldots+1)}^{(\ldots+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - \ldots)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(\ldots_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\ldots^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{ik}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-\ \ \Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{s}}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2\qquad -s\quad -\Bbbk)!}{(2\cdot n_{is}+2\ _s+\Bbbk_2-n_{ik}\ j_{ik}\ \quad -j_{sa}^s)!}\cdot$$

$$\frac{1}{+j_{sa}^s-j_s-s)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s\ \ j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-\boldsymbol{n}-l_i)!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge l_s\quad D-\boldsymbol{n}+1 \wedge$

$2\ \ \leq j_s\ \ \ j_{ik}\ \ j_{sa}^{ik}+1\ \ \ _i+j_{sa}^{ik}-1 \leq j_{\ \ \ } \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa} = j_i+j_{sa}-\ \ j^{sa}+s\quad \ \ \ \ j_i \leq \boldsymbol{n} \wedge$

$l_{ik}-\ \ \ +1 = l_s \wedge l_{s\ \ }\ \ j_{sa}^{ik}-j_{sa} > l_{ik} \wedge l_i+j_{sa}-s = l_{sa} \wedge$

$D \geq \boldsymbol{n} < n\ \ \ \ = \Bbbk \geq\ \ \wedge$

$j_{s\ \ }\ \ j_{s\ }-1 \wedge j_{sa}^{ik} = j_{sa}-1 \wedge j_{sa}^s = j_{sa}^{ik}-1 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \Bbbk_1,\ \ \ \Bbbk_2, j_{sa},\cdots,j_{sa}^i\} \wedge$

$\boldsymbol{s}\ \ \ \ \ \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1+\Bbbk_2 \Rightarrow$

$${}_{fz}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{D+l_{ik}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=l_s+\boldsymbol{n}-D)}^{(l_i+\boldsymbol{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i-1)!}{(j_s-2)!\cdot(n_i-n_{is}+1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}+1)!}{(j_{ik}-j_s)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{(\boldsymbol{l_{ik}}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{\left(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}\right)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(\cdots+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(\cdots+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\quad k - 1}{(\boldsymbol{l_s} - \quad - k + \quad - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \quad)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \quad (j^{sa} + j \quad - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})}{(D + j_i \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \, - $$

$$\sum_{\quad =1}^{\boldsymbol{l_s} + s - \boldsymbol{n} -} \sum_{(j_s = \boldsymbol{l_i} + \boldsymbol{n} - D - s + 1)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} \quad s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s} : \left\{ j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i} \right\} \wedge$$

$$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$${}_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{D, CD} \sum_{k=1}^{\cdots + s - \boldsymbol{n} - \cdots} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(l_i + \boldsymbol{n} - D - s)}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} \cdots - k - D - s}^{\cdots + j_{sa}^{ik} - k - s + 1} \sum_{(j^{sa} = \cdots + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{j_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_i} + \boldsymbol{n} - s + 1)}^{(l_s - k + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik}}^{\boldsymbol{l_i} + j_{sa}^{ik} - k - s + 1} \sum_{sa = j_{ik} + j_{sa} - \ldots} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \ldots}^{n} \sum_{n_{is} = \boldsymbol{n} + \mathbb{k}_1 - \ldots}^{\ldots - j_s + 1} \sum_{n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1}^{\ldots + j_{ik} - \mathbb{k}_1}$$

$$\sum_{sa = \boldsymbol{n} - j^{sa} + 1}^{\ldots + j_{ik} - j \ldots - \mathbb{k}_2} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D-n+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_i+j_{sa}^{ik}-k-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n-n_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=n-j_{sa}+1)}^{(n_{ik}+j_{ik}-\Bbbk)} \sum_{n_s=n-j}^{n_{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)} \cdot$$

$$\frac{\cdots j_{sa}^s - \cdots - s)!}{\cdots} \cdot$$

$$\frac{\cdots - k - 1)!}{(\boldsymbol{l_s} - j_s - \cdots + 1)! \cdot (j_s - \cdots)!} \cdot$$

$$\frac{(D - \cdots)!}{(D - j_i - \boldsymbol{n} \cdots \boldsymbol{n} - j_i)!}$$

$$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} < j^{sa} + j_{sa}^{ik} - \cdots \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - \cdots - \cdots < \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + \cdots - j_{sa} > \boldsymbol{l_{ik}} \wedge \cdots + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$$

$$j_{sa} \leq \cdots \cdots - 1 \wedge j_{sa}^{ik} \cdots \cdots_a - 1 \wedge j_{sa}^s = \cdots \Bbbk \cdots \wedge$$

$$\boldsymbol{s} \cdots \cdots_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}, \cdots, \cdots \} \wedge$$

$$s \geq \cdots \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\cdots_z : z = z \cdots \Bbbk = \Bbbk_1 + \Bbbk \cdots \Rightarrow$$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \left(\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+\boldsymbol{n}-D-s)} \right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - n - k + 1)! \cdot (n - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - 1)!}{(j_{ik} + l_{sa} - j^{sa})! \cdot (j^{sa} + j_s - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_{ik})!}{(D + j_i - n - l_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+l_{ik}-n-l_i-j_{sa}^{ik}+2}^{D+l_s-n-l_i-j_s-1} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - \ )} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\ - j_i)!}\Bigg)$$

$$\left(\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-} \sum_{(j_s = \boldsymbol{l_s}+\boldsymbol{n}}^{(\boldsymbol{l_i}+ \ -D-s)} \right.$$

$$\sum_{j_{ik}=j_s+k-1}^{(\ \ -s-1)} \sum_{(j^{sa}=\ \ +\boldsymbol{n}-D)}^{(\ \ -s-k-j_{sa}+1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{}$$

$$\sum_{=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}\ -j_s+1)}^{(\ -j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{\ \ _{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s\right)!}{\left(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - s\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum_{(j_s - \boldsymbol{n} - D)}^{(\boldsymbol{n} - D - s)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(\boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_{sa}} - k)} \sum_{j_{sa} + s - k - j_{sa} + 2}^{\boldsymbol{l_i}}$$

$$\sum_{n_i = \boldsymbol{n} +}^{n} \sum_{n_{is} = \boldsymbol{n} + \Bbbk}^{} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{j_{ik} - \Bbbk_1}$$

$$\sum_{a = \boldsymbol{n} - j^{sa} + 1}^{k + j_{ik} - j - \Bbbk_2} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s\right)!}{\left(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - s\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \quad \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j_s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\ldots+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\ldots+1}^{n_{is}+j_s+j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-\ldots)}^{(n_{ik}+j_{ik}-\Bbbk_2)} \sum_{\ldots-n-j_i+1}^{n_{sa}+j^{sa}-\ldots}$$

$$\frac{\ldots - n_{is} - 1)!}{(\ldots - 2)! \cdot (\ldots - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_\ldots - n_{ik} - 1)!}{(\ldots - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j_\ldots - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$D > \boldsymbol{n} < n$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\boldsymbol{n}+j_{sa}+1)}^{(n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}+j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_{sa}}+s-k-j_{sa}+2}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{i\ldots}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i\ldots-1)\ldots}{(j_s-2\ldots(n_i-n_{is}\ldots+1)!}\cdot$$

$$\frac{(n_{is}-n_{i\ldots}1)!}{(j_{ik}-j\ldots(n_{is}+j\ldots-n_{ik}-j_{ik})!}$$

$$\frac{(n_{i\ldots}-n_{sa}-1)}{(j^{sa}-j_{i\ldots}-1)!\cdot(\ldots+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ldots_{sa}-n_s\ldots1)!}{(j_i-j^{sa}-1)\ldots(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(\ldots_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} + j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s -)!}$$

$$\frac{(\boldsymbol{l_s} - k -)!}{(\boldsymbol{l_s} - j_s - k + 1)! \quad j_s - 2)!}$$

$$\frac{(D \quad)}{(D + j \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j \quad + j_{sa}^{ik} \quad \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \quad \boldsymbol{l_i} + j_{sa} - s \quad _{sa} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} \quad \wedge j_{sa}^s = j_{sa}^{ik} - \quad \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 4 \quad \boldsymbol{s} = s + \Bbbk$

$\Bbbk \quad z = 2 \wedge \Bbbk \quad \Bbbk_1 + \Bbbk_2$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \left(\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+\boldsymbol{n}-D-s)} \right.$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\quad - 1)!}{(n_s + \quad - \boldsymbol{n} - \quad \quad - j_i)!} \cdot$$

$$\frac{(\quad k - 1)!}{(j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} \quad - j_{sa}^{ik} \quad)!}{(j_s + \boldsymbol{l_{ik}} \quad - \boldsymbol{l_s}) \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D \quad \boldsymbol{l_i})!}{(D + \quad - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \quad s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_i} + \boldsymbol{n} - D - s + 1)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{\quad - k + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(\qquad)!}{(D + j \qquad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\qquad j_i)!} +$$

$$\sum_{k= \; \boldsymbol{l_s}+s- }^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i} \quad +1} \sum_{ \qquad (\quad _s+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik} \quad \boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^s \quad _{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i \quad _s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{\left(j_s + l_{ik} - j_{ik} - l_s\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\left. \frac{(D - l_i)!}{(D + j_i - \boldsymbol{n} - l_i)! \cdot (\boldsymbol{n} - j_i)!} \right) +$$

$$\left(\sum_{k=1}^{D + l_s + s - \boldsymbol{n} - l_i} \sum_{(j_i = l_s + \boldsymbol{n} - D)}^{(l_{ik} + \boldsymbol{n} - D - j^{ik})} \right.$$

$$\sum_{j_{ik} = l_{ik} + \boldsymbol{n} - D}^{j_i + j_{sa}^{ik} - s - 1} \sum_{(j^{sa} = j_{ik} - j_{sa}^{ik})}^{(\ )} \sum_{}^{l_{ik} + s - j_{sa}^{ik} + 1}$$

$$\sum_{=\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} + \Bbbk - j_s +)}^{(n_i - j_s + 1)} \sum_{}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{ik} - j^{sa} - \Bbbk_2)}^{} \sum_{sa = \boldsymbol{n} - j^{sa} + 1)}^{(n_{sa} + j^{sa} - j_i} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{}$$

$$\frac{(n_i - n_{is} - 1)!}{(\ )! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(\ _{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{\left(j_s + l_{ik} - j_{ik} - l_s\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}}\ \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik})}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=\boldsymbol{l_i}+\ k-j_{sa}^{ik}+2}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\ \sum_{(n_{is}=\boldsymbol{n}+\ +1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2\ +1}^{n_{is}+j\ _{ik}-\Bbbk_1}$$

$$\sum_{n_{sa}=\boldsymbol{n}-\ }^{(n_{ik}+j_{ik}-\ \Bbbk_2)}\ \sum_{\ =\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(\ -n_{is}-1)!}{(\ -2)!\cdot(\ -n_{is}-j_s+1)!}\cdot$$

$$\frac{(n\ -n_{ik}-1)!}{(\ -j_s-1)\ (n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j\ -j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j_{sa}+1)}^{(n_{ik}+j_{ik}-\ )} \sum_{n_s=\boldsymbol{n}-j_i}^{n_{sa}-j_i}$$

$$\frac{(\ -n_{is}-1)!}{(j_s-2)!\cdot(n_i\ -j_s+1)!}\cdot$$

$$\frac{(n_{is}\ -n_{ik}-1)!}{(j_{ik}-j_s\ -1)!\cdot(n_{is}\ +j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}\ -n_{sa}-1)!}{(j^{sa}\ -j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\ -j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=l_{ik}+s-k-j_{sa}^{ik}+2}^{l_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{i\ }}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i\quad -1)}{(j_s-2\ \ )\ (n_i-n_{is}\ +1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}\ 1)!}{(j_{ik}-j_{s}\ )\ (n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}\ \ n_{sa}-1)}{(j^{sa}-j_{ik}\ 1)!\cdot(\ +j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ \ sa-n_s\ 1)!}{(j_i-j^{sa}-1)\ (n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-\boldsymbol{n}-l_i)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+l_s+s-\boldsymbol{n}-l_i+1}^{D+l_{sa}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=l_s+\boldsymbol{n}-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_{ik}+\boldsymbol{n}-D}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=l_i+\boldsymbol{n}-D}^{l_{ik}+s-k-j_{sa}^{ik}+1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_s-j_s+1)} \cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i+j^{sa}-1)!\cdot(n_{sa}+j^{sa}-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s-k-1)!}{(\boldsymbol{l}_s+j_s-k+1)!\cdot(j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{ik}-\boldsymbol{l}_s-j_{sa}^{ik}+1)!}{(j_s-\boldsymbol{l}_{ik}-j_{ik}-\boldsymbol{l}_s)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(\boldsymbol{l}_i+j_{sa}-\boldsymbol{l}_{sa}-s)!}{(j^{sa}+\boldsymbol{l}_i-j_i-\boldsymbol{l}_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D-\boldsymbol{l}_i)!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l}_i)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l}_s+s-\boldsymbol{n}-\boldsymbol{l}_i+1}^{D+\boldsymbol{l}_{sa}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l}_s+\boldsymbol{n}-D)}^{(\boldsymbol{l}_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l}_{ik}+\boldsymbol{n}-D}^{\boldsymbol{l}_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=\boldsymbol{l}_{ik}+s-k-j_{sa}^{ik}+2}^{\boldsymbol{l}_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-k-j_{sa}^{ik}+1)!}{(j_s+n-j_{ik}-l)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\ \ - 1)!}{(n_s + \ \ - \boldsymbol{n} - 1\ \ - j_i)!} \cdot$$

$$\frac{(\ \ k - 1)!}{(\ \ _s - k\ \ )! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{ik}\ \ - j_{sa}^{ik}\ \ )!}{(j_s + \boldsymbol{l}_{ik}\ \ - \boldsymbol{l}_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l}_i\ \ _a - \boldsymbol{l}_{sa}\ \ s)!}{(\ \ + \boldsymbol{l}_i - j_i - \boldsymbol{l}_s\ \ )! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!}\Bigg) -$$

$$\sum_{k=1}^{D + \boldsymbol{l}_s + s - \boldsymbol{n} - \boldsymbol{l}_i} \sum_{(j_s = \boldsymbol{l}_i + \boldsymbol{n} - D - s + 1)}^{(\boldsymbol{l}_s - k + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ \ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}^{n}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ \ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D \geq n < n \wedge I = \Bbbk \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$$

$$s: \left\{ j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i} \right\} \wedge$$

$$s \geq 4 \wedge s = s + \Bbbk \wedge$$

$$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$_{\epsilon_Z} S_{\Rightarrow j_s}^{D} \cdots {}^{jsa} {}_{j_i} \cdots {}^{+l_s + s - n - l_i} \sum_{k=1} \sum_{(j_s = l_s + n - D)}^{(l_i + n - D - s)}$$

$$\sum_{=\cdots + j_{sa}^{ik} - D - s}^{l_{ik} \cdots + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(l_i + j_{sa} - k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s \quad {}_{sa}^{ik} + 1)!}$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \quad)}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (\quad _{sa} + j_{sa}^{ik} - j_{ik} \quad {}_{sa})!} \cdot$$

$$\frac{(D \quad \boldsymbol{l}_i)!}{(\quad + j \quad \boldsymbol{n} - \boldsymbol{l}_i \quad)(\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{k} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{+ \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l}_i \quad -D-s)}$$

$$\sum_{j_{ik} \quad + \boldsymbol{n} - D}^{\boldsymbol{l}_i + \boldsymbol{n} + j \quad -D-s-1} \sum_{(\quad + \boldsymbol{n} + j_{sa} - D - s)}^{(\boldsymbol{l}_i + j \quad -k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{}) !} \cdot$$

$$\frac{(D - l_i)}{(D + j_i - n - l_i)! \cdots (n - j_i)!}$$

$$\sum_{k=1}^{D + l_s + s - n - l_i} \sum_{(j_s = l_i + n - D - s)}^{(l_s - k - s + 1)}$$

$$\sum_{j_{ik} = j_s + \ldots 1}^{l_{ik} - k + 1} \sum_{(j^{sa} = j_{} - j_{sa} - j_{sa}^{ik})}^{\ldots k - s + 1} \sum_{j_i = j_{} + s - j_{sa}}^{}$$

$$\sum_{=n + \Bbbk \ (n_{is} = n_{} - j_s + 1)}^{n} \sum_{n_{is} = n_{} - j_s + 1}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{ik + j_{ik} - j^{sa} - \Bbbk_2} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=l_i+\boldsymbol{n}+j_{sa}-D}^{(l_i+j_{sa}-k-s+1)} \sum_{}^{} {}^{-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+}^{n} \sum_{}^{(n_i-j_s} \sum_{n_i}^{n_{is}+j_s-j_{ik}} {}_{+\Bbbk_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}}^{} \sum_{n_s=\boldsymbol{n}-j_i+1}^{{}^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s -)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{{}_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{{}_{a} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}\quad-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-\quad\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^s}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2 \qquad j_{ik}-s\quad\Bbbk-\Bbbk)!}{(2\cdot n_{is}+2\quad_s+\Bbbk_2-n_{ik}\quad j_{ik}\qquad\Bbbk\quad\Bbbk-j_{sa}^s)!} \cdot$$

$$\frac{1}{(\quad+j_{sa}^s-j_s-s)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s\quad j_s-k+1)!\cdot(j_s-2)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-\boldsymbol{n}-l_i)!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge l_s \quad D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik} \quad j_{sa}^{ik}+\quad j_s+j_{sa}^{ik}-1 \leq \quad \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-\quad j^{sa}+s\quad j_{sa}\quad_i \leq \boldsymbol{n} \wedge$

$l_{ik}-\quad+1 > l_s \wedge l_{s}\quad+j_{sa}^{ik}-j_{sa} > l_{ik} \wedge l_i+j_{sa}-s > l_{sa} \wedge$

$D \geq \boldsymbol{n} < n \quad l = \Bbbk \geq \quad \wedge$

$j_{sa}\quad\quad -1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^s=j_{sa}^{ik}-1 \wedge$

$\boldsymbol{s}: \left\{j_{sa}^s, \Bbbk_1, \quad \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\right\} \wedge$

$\quad\quad = s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk = \Bbbk_1+\Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \left(\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(l_i+\boldsymbol{n}-D-s)}\right.$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i \quad -1)}{(j_s-2)\cdot(n_i-n_{is}\quad+1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s)\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)\cdot(n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+\boldsymbol{n}-D-s)}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \; \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \; \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \; \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{?} - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - ? - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{?})!} \cdot$$

$$\frac{(n_{sa} - ?)!}{(j^{sa} - ?)! \cdot (n_{sa} + ? - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(? + j_i - ? + 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_?} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \; \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\boldsymbol{l_{ik}}-k+1} \; \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \; \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \; \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \; \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{ik} - k - j_{sa}^{ik} + 1)!}{(j_s + k - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa}^{ik} - \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j^{sa} - \boldsymbol{l}_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l}_s+s-\boldsymbol{n}-\boldsymbol{l}_i+1}^{D+\boldsymbol{l}_{sa}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l}_s+\boldsymbol{n}-D)}^{(\boldsymbol{l}_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l}_{ik}+\boldsymbol{n}-D}^{\boldsymbol{l}_{ik}-k+1} \sum_{(j^{sa}=\boldsymbol{l}_i+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l}_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \ )!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{(\quad -1)!}{(n_s + \quad - \boldsymbol{n} - \quad \quad - j_i)!} \cdot$$

$$\frac{(\quad k - 1)!}{j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} \quad - j_{sa}^{ik} \quad)!}{(j_s + \boldsymbol{l_{ik}} \quad - \boldsymbol{l_s}) \quad (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_s \quad - \boldsymbol{l_{ik}} - \ _{sa})!}{(j_{ik} + \boldsymbol{l_s} \quad - j^{sa} - \boldsymbol{l_{ik}}) \quad (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) +$$

$$\left(\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_i} + \boldsymbol{n} - D - s)} \right.$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s - 1} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s - 1)} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - \quad)} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - \quad - 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s} \quad (j_{ik} - j_s \quad + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - \quad)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \quad)! \quad (j_{sa} + j_{sa} \quad j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_s - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - \quad - \boldsymbol{l_{sa}})! \quad (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + \quad - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_i} + \boldsymbol{n} - D - s)}$$

$$\sum_{\quad_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\quad + j_{sa}^{ik} - \quad s - 1} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s \quad {}_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \quad)}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot ({}_{sa} + j_{sa}^{ik} - j_{ik} \quad _{sa})!} \cdot$$

$$\frac{(\boldsymbol{l} + j_{sa} - \boldsymbol{l_{sa}} \quad s)!}{(j^{sa} + \boldsymbol{l_i} - j \quad {}_{sa} \quad (j_i + j_s \quad - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s \quad -\boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_i} + \boldsymbol{n} - D - s)}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + \quad -D-s}^{\boldsymbol{l_{ik}} \quad +1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + \ldots)} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - \ldots - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} \ldots)}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}}) \cdot (j_i + j_{sa} - j \ldots s)!} \cdot$$

$$\frac{(D \ldots \boldsymbol{l_i})!}{(\ldots + j \ldots \boldsymbol{n} - \boldsymbol{l_i}) \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{k=1}^{D + \ldots s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{\ldots_s = \boldsymbol{l_i} + \boldsymbol{n} - D - s + 1)}^{(\ldots 1)}$$

$$\sum_{j \ldots_s + j_{sa}^{ik} - \ldots_{ik} + j_{sa} - j_{sa}^{ik})}^{\ldots k + 1} \sum_{}^{(\boldsymbol{l_{sa}} \ldots + 1)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_i\right)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - l_{sa} - s)!} \cdot$$

$$\frac{(D - \dots)!}{(D + j_i \dots n - l_i)! \cdot (\dots j_i)!} +$$

$$\sum_{k = \dots l_s + s - n - l_i}^{D + l_{sa} + s - n - l_i \dots + 1} \sum_{\dots + n - D)}^{(l_s - k + 1)}$$

$$\sum_{j_{ik} = l_{ik} + n - D}^{l_{ik} - \dots} \sum_{sa = l_{sa} + n - D)}^{(l_i + n \dots - D - s - 1)} \sum_{j_i = l_i + n - D}^{l_i - k + 1}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n \dots s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{\left(j_s + l_{ik} - j_{ik} - l_s\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{\left(j_{ik} + l_{sa} - j^{sa} - l_{ik}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{\left(l_i + j_{sa} - l_{sa} - s\right)!}{\left(j^{sa} + l_i - j_i - l_{sa}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - \right)!} \cdot$$

$$\frac{\left(D - l_i\right)}{\left(D + j_i - \boldsymbol{n} - l_i\right)! \cdot \left(- j_i\right)!} \cdot$$

$$\sum_{k=D+l_s+s- \ +1}^{D+l_{sa}+s-\boldsymbol{n}-l_i- } \quad \sum_{(j_s=l_s+\boldsymbol{n}-)}^{(l_s +1)}$$

$$\sum_{ik=l_{ik}+\boldsymbol{n}- }^{l_{ik}-k+1} \sum_{sa=l_i+\boldsymbol{n}+ -D-s)}^{ } \sum_{j_i=j^{sa}+s-j_{sa}+1}^{ _i-k+1}$$

$$\sum_{=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n} -j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{ k+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{\left(n_i - n_{is} - 1\right)!}{\left(j_s - 2\right)! \cdot \left(n_i - n_{is} - j_s + 1\right)!} \cdot$$

$$\frac{\left(n_{is} - n_{ik} - 1\right)!}{\left(j_{ik} - j_s - 1\right)! \cdot \left(n_{is} + j_s - n_{ik} - j_{ik}\right)!} \cdot$$

$$\frac{\left(n_{ik} - n_{sa} - 1\right)!}{\left(j^{sa} - j_{ik} - 1\right)! \cdot \left(n_{ik} + j_{ik} - n_{sa} - j^{sa}\right)!} \cdot$$

$$\frac{\left(n_{sa} - n_s - 1\right)!}{\left(j_i - j^{sa} - 1\right)! \cdot \left(n_{sa} + j^{sa} - n_s - j_i\right)!} \cdot$$

$$\frac{\left(n_s - 1\right)!}{\left(n_s + j_i - \boldsymbol{n} - 1\right)! \cdot \left(\boldsymbol{n} - j_i\right)!} \cdot$$

$$\frac{\left(l_s - k - 1\right)!}{\left(l_s - j_s - k + 1\right)! \cdot \left(j_s - 2\right)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{\left(j_s + l_{ik} - j_{ik} - l_s\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$$

$$\sum_{k=D+l_{sa}+s-n-l_{ik}-j_{sa}+2}^{D-n+1} \sum_{(j_s-k+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-k+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-k+1)} \sum_{j_i=l_i+n-D}^{-1}$$

$$\sum_{n_i=n-j_s}^{n} \sum_{(n_{is}=n+\Bbbk_1+1)}^{n_{is}-j_{ik}-\Bbbk_1} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{n_{ik}+j_{ik}-j-\Bbbk_2} \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s = l_i + \boldsymbol{n} - D - s+}^{(l_s - k + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - }^{(\ )} \sum_{}^{= j^{sa} - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(}^{(n_i - j_s + 1)} \sum_{n_{ik} = + j_s - j_{ik} - \Bbbk_1}^{}$$

$$\sum_{(n_{sa} = + j_{ik} - j^{s}}^{} \sum_{n_s = n_{sa} + j^{sa} - j_i}^{}$$

$$\frac{(2 \cdot n_{is} + \Bbbk_2 - n_{ik} \quad j_{ik} - s - \Bbbk - \Bbbk)!}{(\quad 2 \cdot j_s + \quad - n_{ik} - \Bbbk - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} \quad \wedge \boldsymbol{l_s} > D - \quad + 1 \wedge$

$2 \leq j_s \leq j_{ik} \quad {}^{ik} + 1 \quad j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} \quad j_i \quad j_{ca} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + \quad = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} \quad n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s} : \left\{ j_{sa}^{s}, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i} \right\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$$\Bbbk_z : z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$_{fz}S^{DOSD}_{\Rightarrow j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s = j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{ik}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{}^{n_{is}+\ldots j_{ik}-\Bbbk_1}$$

$$\sum_{}^{(n_{ik}+\ldots j^{sa}-\Bbbk_2)} \sum_{n_s=n-j_i+1}^{n_{sa}+j\ldots i_i}$$

$$\frac{(n_i - n_{is} \ldots}{(j_s - 2)\ldots (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{\ldots -n_{ik}\ldots 1)!}{(j_{ik}-j_s-1)\ldots (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(\ldots - n_{sa} - 1)!}{(\ldots^a - j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{\ldots_i - j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s = j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+2}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i-1)}{(j_s-2)!\,(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s)!\,(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{(\boldsymbol{l_{ik}}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(\boldsymbol{l_{sa}} + j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$D > \boldsymbol{n} < n$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - \boldsymbol{n} - l_i)! \cdot (\boldsymbol{n} \quad)!}$$

$D \geq \boldsymbol{n} < n \wedge l_s > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$S_{\Rightarrow j_s, j_{ik}, j^s}^{DOSD} = \sum_{k=1}^{D + l_{ik} + s - \boldsymbol{n} - l_i - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = l_s + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{j^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\quad)} \sum_{j_i = l_{sa} + \boldsymbol{n} + s - D - j_{sa}}^{l_s + s - k}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} \cdots)} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1) \cdots (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa}^{ik} - \boldsymbol{l}_{ik} \cdots)!}{(j_{ik} + \boldsymbol{l}_{sa} - j^{sa} - \boldsymbol{l}_{ik})! \cdots _{sa} + j_{sa}^{ik} - \cdots j_{sa})!} \cdot$$

$$\frac{(\cdots \boldsymbol{l}_i)!}{\cdots - \boldsymbol{n} - \cdots ! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=1}^{D + \boldsymbol{l}_{ik} + \cdots - \boldsymbol{l}_i - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} \cdots \boldsymbol{n} + j_{sa}^{ik} - \cdots}^{\cdots _{sa}^{ik} - k} \sum_{\cdots = j_i + j_{sa} - s)}^{\cdots} \sum_{j_i = \boldsymbol{l}_s + s - k + 1}^{\boldsymbol{l}_{sa} + s - k - j_{sa} + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-\,ik+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}+j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j_i+j_{sa}-s)\ j_i}^{(\;)} \sum_{+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{sa}}+s-\,-\,1}$$

$$\sum_{n_i=\boldsymbol{n}+\ldots}^{n} \sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_{s}+1)}^{-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{j_{ik}-\Bbbk_1}$$

$$\sum_{sa=\boldsymbol{n}-j^{sa}+1)}^{+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=l_{sa}+n+s-D-i}^{l_s+s-k}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-\quad\Bbbk_2)}^{(\quad)} \sum n_s=n_{sa}+j^{s}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2 \quad\quad j_{ik}-s \quad k-\Bbbk)!}{(2\cdot n_{is}+2 \quad s+\Bbbk_2-n_{ik} \quad j_{ik} \quad k-j_{sa}^s)!}\cdot$$

$$\frac{1}{\quad +j_{sa}^s-j_s-s)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s \quad j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}$$

$D \geq n < n \wedge l_s \quad D-n+1 \wedge$

$2 \leq j_s \leq j_{ik} \quad j_{sa}^{ik}+1 \quad j_i+j_{sa}^{ik}-1 \leq j_{sa} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \quad j^{sa}+s \quad j_{sa} \quad j_i \leq n \wedge$

$l_{ik}-j_s+1 > l_s \wedge l_{s} \quad+j_{sa}^{ik}-j_{sa}=l_{ik} \wedge l_i+j_{sa}-s=l_{sa} \wedge$

$D \geq n < n \quad l=\Bbbk \geq \quad \wedge$

$j_{sa} \quad j_s \quad -1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^s=j_{sa}^{ik}-1 \wedge$

$s:\{j_{sa}^s, \Bbbk_1, \quad \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \quad s=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_s}+s-k}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \cdot (n_i - n_{is} \quad +1)!}$$

$$\frac{(n_{is} - n_{ik} + 1)!}{(j_{ik}-j \quad \cdot (n_{is}+j \quad -n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)}{(j^{sa}-j_{ik} - 1)! \cdot (\quad +j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s - 1)!}{(j_i-j^{sa}-1) \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=\boldsymbol{l_s}+s-k+1}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-j_{sa}^{ik}+1)!}{(j_s+j_{ik}-j_{ik})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1}\sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\;)}\sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(l_s - k - 1)}{(\boldsymbol{l_s} - k + 1) \cdot (2)!}$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_s + 1)!}{(j_s + \boldsymbol{l_{ik}} - \ldots)! \cdot (j_{ik} - \ldots - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - \boldsymbol{l_i})}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \ldots} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} - \ldots^k - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{\boldsymbol{l_s} + s - k}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s}: \left\{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$
{}_{fz}S^{D,D}_{\Rightarrow j_s, \cdots, j^{sa}, j_i}
\sum_{k=1}^{\ \cdots} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{\ \cdots -\boldsymbol{n}- \cdots (j_{ik} - j_{sa}^{ik} + 1)}
$$

$$
\sum_{j_{ik} = \boldsymbol{l_{ik}} \cdots - D}^{\ j^{sa} + j_{sa}^{ik} - j_{sa}} \quad \sum_{(j^{sa} = j_i \cdots_{sa} - s)}^{\ \cdots} \quad \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{\ \boldsymbol{l_s} + s - k}
$$

$$
\sum_{i = \boldsymbol{n} + \Bbbk}^{\ n} \quad \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{\ \cdots (\cdots_i - j_s + 1)} \quad \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{\ n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{\ (n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \quad \sum_{n_s = \boldsymbol{n} - j_i + 1}^{\ n_{sa} + j^{sa} - j_i}
$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - \cdots\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})\cdots}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdots \boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}\cdots -D}^{\cdots} \sum_{(j^{sa}\cdots j_{sa}-s)}^{j^{sa}+j_{sa}^{ik}\cdots} \sum_{j_i=\boldsymbol{l_s}+s-k+1}^{\cdots s-k-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}\cdots)}^{D+\boldsymbol{l_s}\cdots}$$

$$\sum_{=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}\cdots -j_s+1)}^{\cdots(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1} \sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{\cdots ik+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s = l_s + n - D)}^{(l_s - k + 1)}$$

$$\sum_{j_{ik} = l_{ik} + n - D}^{l_{ik} - k + 1} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum^{l_{sa} + s - j_{sa} + 1}$$

$$\sum_{n_i = n + \mathbb{k}}^{n} \sum^{(n_i - j_s}_{} \sum^{n_{is} + j_s - j_{ik}}_{n_{ik}}$$

$$\sum_{(n_{sa} = n - \ +1)} \sum_{n_s = n - j_i + 1}^{j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - \ )! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(\ _{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\ ^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$D > \boldsymbol{n} < n$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}_{\, 2}-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\ ^{sa}+1)}^{(n_{ik}+j_{ik}\ ^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-}^{n_{s}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{\ }- 1)!}{(j_{\ }-2)!\cdot(n_{\ }-n_{\ }-j_s+1)!}\cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik}-j_{\ }-1)!\cdot(n_{\ }+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{\ }-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)!\cdot(j_s - 2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})!\cdot\left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})!\cdot\left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!}\cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!} -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-k}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)} \sum_{n_s=\quad+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik} \quad \Bbbk- \quad)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j \quad -n-\Bbbk \quad j_{sa}^s)!} \cdot$$

$$\frac{1}{(n \quad _a-j_s-s)!}$$

$$\frac{(l_s- \quad}{(l_s-\quad-k+1)!\cdot(j_s-2)!} \cdot$$

$$\frac{(\quad -l_i)!}{(D\quad j_i-n-l_i)!\cdot(n-j_i)!}$$

$D \geq n < n \wedge l_s > D-n+$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s \quad ^{ik}-1 \leq j_{ik} \quad ^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}- \quad \wedge j^{sa}+s-j_{sa} \quad j_i \leq n \wedge$

$l_{ik}- \quad _{sa}+ \quad =l_s \wedge \quad +j_{sa}^{ik}-j_{sa} > \quad l_i+j_{sa}-s=l_{sa} \wedge$

$D \geq n < n \wedge l \quad \Bbbk \geq 0 \wedge$

$j_{sa} \quad -1 \wedge j_{sa}^{ik}= \quad -1 \wedge j_{sa}=j_{sa}^{ik}-1 \wedge$

$s:\{j_{sa}^s,\Bbbk_1, \quad ^k \quad \Bbbk_2,j_{sa},\cdots \quad _{sa}^i\} \wedge$

$s \geq \quad s=s+\Bbbk \wedge$

$\Bbbk_z:z=2 \quad =\Bbbk_1+\Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{ik}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s + j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} + j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+2)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} -)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{- 1)!}{(n_s + - \boldsymbol{n} -) - j_i)!} \cdot$$

$$\frac{(k - 1)!}{j_s - k)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa} \boldsymbol{l_{ik}} - j_{sa})}{(j_{ik} + \boldsymbol{l_{sa}} - j \boldsymbol{l_{ik}})! \cdot (a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \boldsymbol{l_i})!}{(D + - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \;\;\;)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - \;\;\; - j_{sa})!} \cdot$$

$$\frac{(\;\;\;)!}{(D + j \;\;\; \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\;\;\; j_i)!} -$$

$$\sum_{k=\;}^{D+\boldsymbol{l_s}+s-\;} \sum_{\;=\;}^{(\;\;)} \;_{(\; - j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}\;=\; sa+j_{sa}^{ik}-j_{sa}}^{(\boldsymbol{l_{ik}}+j_{sa}\;\; j_{sa}^{ik}+1)} \sum_{(j \;\; \boldsymbol{l_{sa}}+\boldsymbol{n}-D)} \sum_{j_i = j^{sa}+s-j_{sa}}$$

$$\sum_{=\boldsymbol{n}+\Bbbk \;(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i - \;\;1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\;\;)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(\;\; n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(\;\; n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$$l_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s}: \left\{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$fz S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - l_i - j_{sa}^{ik} + 1} \cdots$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + \cdots^{ik} - D - 1}^{j^{sa} + j_{sa}^{ik} - j_s} \sum_{\cdots = \boldsymbol{l_{sa}} + \boldsymbol{n} - \cdots}^{(\boldsymbol{l_s} + j_{sa} - \cdots} \sum^{\cdots_s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \cdots \Bbbk - j_s + 1)}^{(n_i - j_s)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(\cdots + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\boldsymbol{l_s} + j_{sa}^{ik} - k} \sum_{(j^{sa} = \boldsymbol{l_s} + j_{sa} - k + 1)}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i}^{\ \ + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk \ + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 \ \ + 1}^{n_{is} + j_s \ \ _{ik} - \Bbbk_1}$$

$$\sum_{\ \ _{sa} = \boldsymbol{n} - j}^{(n_{ik} + j_{ik} - \ \ \Bbbk_2)} \sum^{n_{sa} + j^{sa} - j} \ \ _{- j_i + 1}$$

$$\frac{(\ \ - n_{is} - 1)!}{(j\ \ \ 2)! \cdot (\ \ \ s - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n \ \ - n_{ik} - 1)!}{(j\ \ - j_s - 1\ ) \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j\ \ - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k = D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 2}^{D - \boldsymbol{n} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=n-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i-1)!}{(j_s-2)!\,(n_i-n_{is}-1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\,(n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\,(n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - \ )!}$$

$$\frac{(\boldsymbol{l}_s - k - \ )!}{(\boldsymbol{l}_s - j_s - k + 1)! \ (\ j_s - 2)!}$$

$$\frac{(D \qquad)}{(D + j \qquad \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\ \quad j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j \quad + j_{sa}^{ik} - \quad \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j_{sa}^{ik} + 1 > \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l}_{ik} \quad \boldsymbol{l}_i + j_{sa} - s \quad \boldsymbol{l}_{sa} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} \quad \wedge j_{sa}^s = j_{sa}^{ik} - \quad \wedge$

$\boldsymbol{s} : \{j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 4 \quad \boldsymbol{s} = s + \Bbbk$

$\Bbbk_2 z = 2 \wedge \Bbbk \quad \Bbbk_1 + \Bbbk_2$

$${}_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{D+\boldsymbol{l}_s+s-\boldsymbol{n}-\boldsymbol{l}_i} \sum_{(j_s=\boldsymbol{l}_s+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l}_{sa}+\boldsymbol{n}-D)}^{(\boldsymbol{l}_s+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(-1)!}{(n_s + - \boldsymbol{n} - 1) \cdots - j_i)!} \cdot$$

$$\frac{(\ldots k - 1)!}{j_s - k \ldots)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} \ldots - j_{sa}^{ik} \ldots}{(j_s + \boldsymbol{l_{ik}} \ldots - \boldsymbol{l_s}) \ldots (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D \ldots \boldsymbol{l_i})!}{(D + \ldots - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \quad \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \quad \sum_{(j^{sa} = \boldsymbol{l_s} + j_{sa} - k + 1)}^{(\boldsymbol{l_{sa}} - k + 1)} \quad \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \quad \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \quad \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \quad \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s \quad{}_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\quad)!}{(D + j \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad j_i)!} +$$

$$\sum_{\quad +\boldsymbol{l_s}+s}^{D-\boldsymbol{n}+} \sum_{(\quad_s +\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{k=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\quad k+1)} \sum_{a=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_{i}\quad+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{\left(j_s + l_{ik} - j_{ik} - l_s\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = l_{sa} + n - D)}^{(l_s + j_{sa} - k)} \sum_{}^{} - j_{sa}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} =)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} - j^{sa})}^{} \sum_{n_s = n_{sa} + j^{sa} - j_i}^{}$$

$$\frac{(2 \cdot n_{is} + \Bbbk_2 - n_{ik} + j_{ik} - s - \Bbbk - \Bbbk)!}{n_{is} + 2 \cdot j_s + \ - n_{ik} - \ k - n - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(n + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n \quad \wedge l_s > D - \ + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - \ j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i \ a - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + \ > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D \geq n < n \wedge I = \Bbbk \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s : \left\{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s \geq 4 \wedge s = s + \Bbbk \wedge$$

240     $D > \boldsymbol{n} < n$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{s\ldots}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{\ldots \boldsymbol{n}+\mathbb{k}\ldots j_{ik}+1}^{n_{is}\ldots-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{\ldots n-j^{sa}+\ldots}^{(n_{ik}+\ldots j^{sa}-\mathbb{k}_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j\ldots j_i}
$$

$$
\frac{(n_i - n_{is} \ldots)}{(j_s-2)\ldots(n_i-n_{is}-j_s+1)!} \cdot
$$

$$
\frac{\ldots_s - n_{ik} \ldots 1)!}{(j_{ik}-j_s-1)\ldots(n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n\ldots - n_{sa}-1)!}{\ldots_a-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{\ldots_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!} \cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \cdot
$$

$$
\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!} \cdot
$$

$$
\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot
$$

$$
\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot
$$

$$
\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}
$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+j_{sa}-k+1)}^{(l_{ik}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{i\,}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \quad (n_i-n_{is} \quad +1)!}\cdot$$

$$\frac{(n_{is}-n_{ik} \quad 1)!}{(j_{ik}-j_{s} \quad (n_{is}+j_{s} \quad n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik} \quad n_{sa}-1)}{(j^{sa}-j_{ik} \quad 1)!\cdot (\quad +j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+2)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{ik} - \boldsymbol{l}_s - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l}_{ik} - j_{ik} - \boldsymbol{l}_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa}^{ik} - \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j^{sa} - \boldsymbol{l}_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l}_s+s-\boldsymbol{n}-\boldsymbol{l}_i+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l}_s+\boldsymbol{n}-D)}^{(\boldsymbol{l}_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l}_{ik}+\boldsymbol{n}-D}^{\boldsymbol{l}_{ik}-k+1} \sum_{(j^{sa}=\boldsymbol{l}_{sa}+\boldsymbol{n}-D)}^{(\boldsymbol{l}_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-1)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s}$$

$$\frac{(D - \boldsymbol{l})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i}) \cdot (\boldsymbol{n} - j_i)}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \cdot \boldsymbol{l_i} + j_{sa} - s - \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa} - 1 \wedge$

$\boldsymbol{s} : \{j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DC} = \sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa} - 1} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\quad k - 1)}{(\boldsymbol{l_s} \quad - k + 1) \quad - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \qquad)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \qquad (j^{sa} + j_s \quad - j_{ik} - j_{sa})!}$$

$$\frac{(D - \quad)}{(D + j_i \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{D + \boldsymbol{l_{ik}} \qquad \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{b}}$$

$$\sum_{\boldsymbol{r} = \boldsymbol{l_{sa}} + \boldsymbol{n} + \qquad - D - j_{sa}}^{\boldsymbol{l_{ik}} \quad \boldsymbol{r} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{k = D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - \ldots + 2}^{D - \boldsymbol{n} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} \ldots)}^{\ldots}$$

$$\sum_{j_{ik} = \ldots + \boldsymbol{n} - D \,(j \ldots + \boldsymbol{n} - D)}^{\boldsymbol{l_{ik}} - \ldots - k + 1)} \sum_{j_i = j \ldots + s - j_{sa}}^{\ldots}$$

$$\sum_{j_i = \boldsymbol{n} + \Bbbk \,(n_{is} = \boldsymbol{n} \ldots - j_s + 1)}^{n} \sum_{n_{is} = \ldots}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{\ldots + j_{ik} - j^{sa} - \Bbbk_2} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}^{l_{ik} - k + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{}^{} {}_{sa + s - j_{sa}}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk - 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - \Bbbk_1}^{}$$

$$\sum_{(n_{sa} = n_{ik} - j^{sa} \cdots + j^{sa} - j_i)}^{(\quad)} \sum_{}^{}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(n + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s \quad D - n \quad 1 \wedge$

$2 \leq \quad \leq j_{ik} - j_{sa}^{ik} + \quad \wedge j_s + j_{sa} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$\quad^a = j_i + \quad - s \wedge j^{sa} \quad s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - \quad^{ik} + 1 = \quad + j_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D \geq n < \quad I = \Bbbk \geq 0 \wedge$

$\quad < j^i \quad 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$s : \{j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 4 \wedge s = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

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$$_{fz}S^{DOSD}_{\Rightarrow j_s \,, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+l_{ik}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_s+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{l_{sa}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+\boldsymbol{n}-D)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n})}^{(n_{ik}+j_{ik}-\ )} \sum_{n_s=\boldsymbol{n}-j_i}^{n_{sa}\ -j_i}$$

$$\frac{(\ - n_{is}\ -1)!}{(j_s\ -2)! \cdot (n_i\ -j_s+1)!} \cdot$$

$$\frac{(n_{is}\ -\ -1)!}{(j_{ik}-j_s\ )! \cdot (n_{is}\ +j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}\ -n_{sa}-1)!}{(j^{sa}\ -\ -1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\ -j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-\boldsymbol{n}-l_i)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=1}^{D+l_{ik}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_{sa}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\mathbf{n}+\Bbbk}^{n}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{}-j_s+1)}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}--1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_{sa}-j)}\cdot$$

$$\frac{(n_{sa}-1)!}{(j^{sa}-1)\cdot(n_{sa}+-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(+j_i-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l}j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{\left(j_{ik}+\boldsymbol{l_{sa}}j^{sa}-\boldsymbol{l_{ik}}\right)!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\mathbf{n}-\boldsymbol{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\mathbf{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D-\mathbf{n}+1}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\mathbf{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\mathbf{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\mathbf{n}+\Bbbk}^{n}\ \sum_{(n_{is}=\mathbf{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\ldots - 1)!}{(n_s + \ldots - \boldsymbol{n} - 1)! \cdot (\ldots - j_i)!} \cdot$$

$$\frac{(\ldots k - 1)!}{(\ldots_s - k \ldots)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} \ldots \boldsymbol{l}_{ik} - j_{sa} \ldots)}{(j_{ik} + \boldsymbol{l}_{sa} - j^s \ldots \boldsymbol{l}_{ik})! \cdot (\ldots^a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \ldots \boldsymbol{l}_i)!}{(D + \ldots - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{\boldsymbol{l}_s + s - \boldsymbol{n} - \boldsymbol{l}_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{\ldots} = \boldsymbol{l}_{sa} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa}}^{\boldsymbol{l}_s + \ldots \ldots k} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D \geq n < n \wedge I = \Bbbk \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$s: \left\{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s \geq 4 \wedge s = s + \Bbbk \wedge$$

$$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} \qquad \sum_{k=1}^{D + \ \ -n-l_i} \ \sum_{(j_s = l_s + n - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = l_{sa} + n + \ \ -D - j_{sa}}^{+ j_{sa}^{ik} - \ } \ \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ \ )} \ \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = n + \Bbbk}^{n} \ \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \ \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \ \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n})}^{D + \boldsymbol{l_s} \quad (\boldsymbol{l_s} + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + j_{sa}^{ik} + 1}^{\boldsymbol{l_{sa}} + j_{sa}^{ik} - k - j_{sa}} \sum_{(j^{sa} = j_{sa} - j_{sa}^{ik})} \sum_{j_i = j_s - j_{sa}}$$

$$\sum_{= \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{ik + j_{ik} - j^{sa} - \Bbbk_2} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D-n+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk \, (n_{is}=n+\ \ +1)}^{n} \sum_{\ }^{(n_i-j_s+1)} \sum_{n_{ik}=n+\ \ +1}^{n_{is}+j\ _{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-\ )}^{(n_{ik}+j_{ik}-\ -\Bbbk_2)} \sum_{\ -n-j_i+1}^{n_{sa}+j^{sa}-\ }$$

$$\frac{\ - n_{is} - 1)!}{(\ -2)! \cdot (\ - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n\ - n_{ik} - 1)!}{(\ - j_s - 1)\ (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j\ - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=\;+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} \quad \Bbbk\;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{\;} - \boldsymbol{n} - \Bbbk - \quad j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n}+\;^s - j_s - s)!}$$

$$\frac{(\boldsymbol{l_s} - \quad)}{(\boldsymbol{l_s} - j\; - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\quad - \boldsymbol{l_i})!}{(D \quad j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + \quad$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + \quad^{ik} - 1 \leq j_{ik} \quad^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - \quad \wedge j^{sa} + s - j_{sa} \quad j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{\;} + \quad > \boldsymbol{l_s} \wedge \boldsymbol{l_s} + j_{sa}^{ik} - j_{sa} > \quad \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I \quad \geq 0 \wedge$$

$$j_{sa} \leq \quad - 1 \wedge j_{sa}^{ik} = \quad - 1 \wedge j_{sa}^{\;} = j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s}: \{j_{sa}^s, \Bbbk_1, j\;, \Bbbk_2, j_{sa}, \cdots \quad_{sa}^i\} \wedge$$

$$s \geq \quad = s + \Bbbk \wedge$$

$$\Bbbk_z: z = 2 \wedge \quad = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$_{fz}S_{\Rightarrow j_s,\;j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \; \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \; \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \; \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(\boldsymbol{n}+j_i-n_s+1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_{ik}-l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s-l_{ik}-j_{ik}-l_s)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-\boldsymbol{n}-l_i)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \; \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \; \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-k+1)} \; \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \; \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \; \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{ik} - k - j_{sa}^{ik} + 1)!}{(j_s + \, - j_{ik} - \,)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa}^{ik} - \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j^{sa} - \boldsymbol{l}_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l}_s+s-\boldsymbol{n}-\boldsymbol{l}_i} \sum_{(j_s=\boldsymbol{l}_s+\boldsymbol{n}-D)}^{(\boldsymbol{l}_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l}_s+j_{sa}^{ik}-k+1}^{\boldsymbol{l}_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l}_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(- 1)!}{(n_s + - \boldsymbol{n} -)! \cdot - j_i)!} \cdot$$

$$\frac{(k - 1)!}{j_s - k)! \cdot (j_s - 2)!}$$

$$\frac{(\boldsymbol{l_{ik}} - j^{ik}_{sa})!}{(j_s + \boldsymbol{l_{ik}} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j - \boldsymbol{l_{ik}} - _{sa})!}{(j_{ik} + \boldsymbol{l_s} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1} \quad \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \quad \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \quad \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \quad \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \quad \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \quad \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} \cdots} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1) \cdots (j_s - 2)!}$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - \cdots 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s} \cdots (j_{ik} - j_s \cdots + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - \cdots)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \cdots (\cdots_{sa} + j_{sa} \cdots j_{ik} - j_{sa})!} \cdots$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i \cdots - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{\cdots + \boldsymbol{l_s} + s - \boldsymbol{n} \cdots_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{= \boldsymbol{l_{sa}} + \boldsymbol{n} + \cdots_a - D - j_{sa}}^{\boldsymbol{l_s} \cdots - k} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s}: \left\{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$_{fz}S_{\Rightarrow j_s, j_i, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{D+l_{ik}+s} \sum_{(j_s = l_{ik}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(l_{sa} - D - j_{sa})}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_{sa}-k+\ldots)} \sum_{(j^{sa} = l_{sa}+\boldsymbol{n}-D)} \sum_{j_i = j^{sa}+s-j_{sa}}$$

$$\sum_{j_i = \boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n}+\Bbbk - j_s+1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n}+\Bbbk_2 - j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum^{(\boldsymbol{l_{ik}} - j_{sa}^{ik} + 2)}_{\boldsymbol{l_{sa}} + \boldsymbol{n} - j_{sa} + 1}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik}} \sum^{(\boldsymbol{l_s} - k + 1)}_{j_{sa} = j_{ik} + j_{sa}} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n}} \sum_{n_{is} = \boldsymbol{n} + \mathbb{k} - j_s + 1} \sum_{n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1}^{j_{ik} - \mathbb{k}_1}$$

$$\sum_{n_{sa} = \boldsymbol{n} - j^{sa} + 1} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D-n+1} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_{ik}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n\quad-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n\quad a+1)}^{(n_{ik}+j_{ik}-\quad)} \sum_{n_s=n-j_i}^{n_{sa}\quad sa-j_i}$$

$$\frac{(\quad - n_{is}\quad 1)!}{(j_s\quad 2)!\cdot(n_i\quad j_s+1)!}\cdot$$

$$\frac{(n_{is}\quad_{ik}-1)!}{(j_{ik}-j_s\quad 1)!\cdot(n_{is}\quad j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}\quad n_{sa}-1)!}{(j^{sa}\quad_{ik}-1)!\quad n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\quad -j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}-$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_{ik}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$D > \boldsymbol{n} < n$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\;)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{\cdots (\; j_{sa}^s - \; - s)!}{\cdots} \cdot$$

$$\frac{\cdots - k - 1)!}{(\boldsymbol{l}_s - j_s - \; + 1)! \cdot (j_s - \;)!} \cdot$$

$$\frac{(D - \;)!}{(D - j_i - \boldsymbol{n} \cdots \boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} < j^{sa} + j_{sa}^{ik} - \; \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s \cdots \cdots < \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + \cdots - j_{sa} > \boldsymbol{l}_{ik} \cdots + j_{sa} - s = \boldsymbol{l}_{sa} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq \cdots - 1 \wedge j_{sa}^{ik} \cdots \cdots - 1 \wedge j_{sa}^s = \cdots \wedge$

$\boldsymbol{s} \cdots j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}, \cdots, \cdots \wedge$

$s \geq \cdots \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\cdots_z : z = z \cdots \Bbbk = \Bbbk_1 + \Bbbk \cdots \Rightarrow$

$$_{fz}S^{DOSD}_{\Rightarrow j_s,\, j_{ik},\, j^{sa},\, j_i} = \sum_{k=1}^{D+\boldsymbol{l}_{ik}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l}_s+\boldsymbol{n}-D)}^{(\boldsymbol{l}_{sa}+\boldsymbol{n}-D-j_{sa})}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l}_{sa}+\boldsymbol{n}-D)}^{(\boldsymbol{l}_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(+ \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_s}-k-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s \quad)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\quad k - 1 \quad)}{(\boldsymbol{l_s} - \quad - k + \quad - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \qquad \right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \qquad (j^{sa} + j_s \quad - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \quad)}{(D + j_i \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}} \qquad \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 2}^{\quad - \boldsymbol{n} + 1} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k - 1)}$$

$$\sum_{= j_s + j_{sa}^{ik} - 1}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - \right)} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (- j_i)!}$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}}^{(\boldsymbol{l_s}-k-)}$$

$$\sum_{j_{ik}=j_s} \left(j^{sa} = + j_{sa} - j_{sa}^{ik}\right) \sum_{}^{} s - j_{sa}$$

$$\sum_{=\boldsymbol{n}+\Bbbk}^{n} (n_{is}=\boldsymbol{n}+\; j_s+1) \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}^{}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{} \sum_{n_s=n_{sa}+j^{sa}-j_i}^{}$$

$$\frac{(\; n_{is} + \; + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + \; s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$D \geq \boldsymbol{n} < \quad \land \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \land$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \land j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \land$$

$$j^{sa} = j_i + j_{sa} - s \land j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \land$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \land \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \land \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \land$$

$$D \geq \boldsymbol{n} < n \land I = \Bbbk \geq 0 \land$$

$$D > \boldsymbol{n} < n$$

$$j_{sa} \le j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s}: \left\{ j_{sa}^s, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s \ge 4 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s+l_s+\boldsymbol{n}-D)}^{(l_{sa}+\boldsymbol{n}-D-)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\cdots-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\cdots}$$

$$\sum_{}^{n} \sum_{}^{(n_i-j_s+1)} \sum_{}^{+j_s-j_{ik}-\mathbb{k}_1} \cdots$$

$$\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{(n_{ik}+\cdots j^{sa}-\mathbb{k}_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{\cdots - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{\cdots_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-k-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{sa}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=n-j}^{n_{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(\ \ -n_{is}-j_s+1)!}$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_{sa}-n_s-1)!}{(\ -j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D-n+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k-1)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_{sa} + j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{ik} - \boldsymbol{l}_s - j_{sa}^{ik} + 1)!}{(j_s - \boldsymbol{l}_{ik} - j_{ik} - \boldsymbol{l}_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\boldsymbol{l}_s+s-\boldsymbol{n}-\boldsymbol{l}_i} \sum_{(j_s=\boldsymbol{l}_{sa}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l}_s-k-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s} \cdot$$

$$\frac{(D - \boldsymbol{l})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i}) \quad (\boldsymbol{n} - j_i)}$$

$$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \quad \boldsymbol{l_i} + j_{sa} - s \quad \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa} \quad 1 \wedge$$

$$\boldsymbol{s} : \{j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$$

$$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$\overset{DOSD}{\Rightarrow} j_s, j_{ik}, j^{sa}, j_i = \sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa})}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s -)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\quad k - 1)}{(\boldsymbol{l_s} - \quad - k + \quad - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa} + 1)!}{(j_s + \boldsymbol{l_{ik}} - \quad)! \cdot (j_{ik} - \quad - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} \quad \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \quad \boldsymbol{l_{ik}})! \cdot (\quad + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \quad \boldsymbol{l_i})!}{(D + \quad - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l} \quad - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_{sa}} + \boldsymbol{n} - D - j_{sa} + 1)}^{(\boldsymbol{l_s} - k - 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{\quad - k + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \qquad} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s \qquad {}_{sa}^{ik} + 1)!}$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \qquad)}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (\qquad {}_{sa} + j_{sa}^{ik} - j_{ik} \qquad {}_{sa})!} \cdot$$

$$\frac{(D \qquad \boldsymbol{l_i})!}{(\qquad + j \qquad \boldsymbol{n} - \boldsymbol{l_{ik}} \qquad (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{\substack{(\qquad D + \boldsymbol{l_s} + s - \qquad + 1}}^{-\boldsymbol{n}+1} \sum_{\substack{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}}^{\qquad -1)}$$

$$\sum_{\substack{j_{ik} = \boldsymbol{l_{ik}}}}^{\boldsymbol{l_{ik}} - k + 1} \sum_{\substack{{}_{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}}^{(\qquad {}_{a} - k + 1)} \sum_{\substack{j_i = j^{sa} + s - j_{sa}}}$$

$$\sum_{\substack{n_i = \boldsymbol{n} + \Bbbk}}^{n} \sum_{\substack{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}}^{(n_i - j_s + 1)} \sum_{\substack{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{\substack{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{\substack{n_s = \boldsymbol{n} - j_i + 1}}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{-\boldsymbol{l_{sa}} + \boldsymbol{n} - D - j_{sa}}^{-k-}$$

$$\sum_{j_{ik} = j_s + \ldots - 1} \sum_{(j^{sa} = j_{\ldots} \ldots_{sa} - j_{sa}^{ik})} \sum_{j_i = j \ldots + s - j_{sa}}$$

$$\sum_{\ldots + \mathbb{k}}^{n} \sum_{(n_{is} = \boldsymbol{n} + \ldots j_s + 1)}^{-j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + \ldots + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \mathbb{k})!}{(2 \cdot n_{is} + \ldots j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \mathbb{k} - \mathbb{k} - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$> \boldsymbol{n} \ldots \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \le j_s \le j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \le j_{ik} \le j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \le j_i \le \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \ge \boldsymbol{n} < n \wedge I = \mathbb{k} \ge 0 \wedge$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s}: \left\{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s+l_s+n-D)}^{(j_{ik}-j_{sa}^{ik})}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa})}^{(\quad)} \sum_{j_i=l_{ik}+s+n-D}^{l_s+s}$$

$$\sum_{}^{n} \sum_{(n_{is}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{}^{n_s+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{ik}+j^{sa}-\Bbbk_2)}^{n} \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(\quad-2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(\quad_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1 \right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1 \right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$D > \boldsymbol{n} < n$$

$$\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_s}+s-k+1}^{l_{ik}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\ldots-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\ldots-sa+1)}^{(n_{ik}+j_{ik}-\ldots)} \sum_{n_s=\boldsymbol{n}-j_i}^{n_{sa}-\ldots sa-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(\ldots - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+\boldsymbol{n}+s-D-j_{sa}^{ik}}^{l_{ik}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{} - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{i} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j)!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - 1)(n_{sa} + j s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(+ j_i - \boldsymbol{n} + 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l} j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \boldsymbol{l}_{ik} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=\boldsymbol{l_{ik}}+s+\boldsymbol{n}-D-j_{sa}^{ik}}^{\boldsymbol{l_s}+s-k}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}^{}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{()} \sum_{n_s=n_{sa}+j^{sa}-j_i}^{}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad} \cdot$$

$$\frac{(D - \boldsymbol{l})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i}) \quad (n - j_i)}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \quad \boldsymbol{l_i} + j_{sa} - s \quad \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa} \quad 1 \wedge$

$\boldsymbol{s}: \{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz} S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_s + j_{sa} - k)} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \boldsymbol{n} + j_{sa} - D - j_{sa}^{ik})}^{} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s \cdots)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\cdots k - 1 \cdots)}{(\boldsymbol{l_s} - \cdots - k + \cdots - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa} + 1)!}{(j_s + \boldsymbol{l_{ik}} - \cdots)! \cdot (j_{ik} - \cdots - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_{ik}} \cdots)}{(D + j_i \cdots \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s \cdots - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = j^s \cdots j_{sa}^{ik} - j_{sa}}^{(\cdots _{ik} + j_{sa} - k - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = \boldsymbol{l_s} + j_{sa} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + \right)} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=D+\boldsymbol{l_s}+\ \ -\boldsymbol{l_i}+1}^{D-\boldsymbol{n}} \sum_{(j_s=\overline{\boldsymbol{l_s}+\boldsymbol{n}}}^{(\boldsymbol{l_s}\ \ +1)}$$

$$\sum_{j_{\ }-j^{sa}+j_{sa}^{ik}-j_{sa}\ \ \ sa=\boldsymbol{l_{ik}}+\boldsymbol{n}\ \ -D-j_{sa}^{ik})}^{\ \ -j_{sa}^{ik}+1)} \sum_{j_i-j\ \ +s-j_{sa}}$$

$$\sum_{=\boldsymbol{n}+\Bbbk\ (n_{is}=n\ \ -j_s+1)}^{n\ \ \ (n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{\ \ _{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!} \; -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}}\;\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\;\sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(\boldsymbol{l_s}+j_{sa}-k)}\;\sum_{j_{}^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk\;(n_{is}=\boldsymbol{n}+\Bbbk-\quad1)}^{n}\;\sum_{(n_{is}=\boldsymbol{n}+\Bbbk-\quad1)}^{(n_i-j_s+1)}\;\sum_{n_{ik}=n_{is}+j_s\quad\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{\quad ik}-j^{sa}\quad)}^{(\quad)}\;\sum_{{}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{}-s-\Bbbk-\Bbbk)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{}-j_{ik}-\Bbbk-\Bbbk-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\boldsymbol{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_s}\quad D-\boldsymbol{n}\quad1\wedge$

$2\leq\quad\leq j_{ik}-j_{sa}^{ik}+\quad\wedge j_s+j_{sa}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j^{a}=j_i+\quad-s\wedge j^{sa}\quad s-j_{sa}\leq j_i\leq\boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}\quad^{ik}+1>\quad\quad_{sa}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge\boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\wedge$

$D\geq\boldsymbol{n}<\quad\quad I=\Bbbk\geq0\wedge$

$\quad<j^{i}\quad1\wedge j_{sa}^{ik}=j_{sa}-1\wedge j_{sa}^{s}=j_{sa}^{ik}-1\wedge$

$\boldsymbol{s}:\left\{j_{sa}^{s},\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^{i}\right\}\wedge$

$s\geq4\wedge\boldsymbol{s}=s+\Bbbk\wedge$

$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\Rightarrow$

$$_{fz}S^{DOSD}_{\Rightarrow j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i}\;\sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+j^{ik}_{sa}-k}\;\sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\quad)}\;\sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\;\sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\;\sum_{n_{ik}=\boldsymbol{n}\;-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}\;-sa+1)}^{(n_{ik}+j_{ik}-\quad)}\;\sum_{n_s=\boldsymbol{n}-j_i}^{n_{sa}-j_i}$$

$$\frac{(\quad-n_{is}-1)!}{(j_s-2)!\cdot(n_i-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\quad-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j^{ik}_{sa}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j^{ik}_{sa}+1)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i}\;\sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+j^{ik}_{sa}-k+1}^{\boldsymbol{l_{ik}}-k+1}\;\sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\quad)}\;\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \ldots)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \ldots n_s - j_i)!} \cdot$$

$$\frac{\ldots - 1)!}{(n_s + \ldots - \boldsymbol{n} - \ldots - j_i)!} \cdot$$

$$\frac{(\ldots k - 1)!}{\ldots - k \ldots)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} \ldots - j_{sa}^{ik} \ldots)!}{(j_s + \boldsymbol{l_{ik}} \ldots - \boldsymbol{l_s}) \ldots (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D \ldots \boldsymbol{l_i})!}{(D + \ldots - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{\boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\ldots + j_{sa}^{ik} - k} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D \geq n < n \wedge I = \Bbbk \geq 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s = j_{sa}^{ik} - 1 \wedge$

$s: \left\{ j_{sa}^s, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$

$s \geq 4 \wedge s = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} \sum_{k=1}^{D + l_s - n - l_i} \sum_{(j_s = l_s + n - D)}^{(l_{ik} + n - D - j_{sa}^{ik})}$$

$$\sum_{j_{ik} = l_{ik} + n - D}^{l_{ik} - j_{sa}^{ik} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + \right)} \cdot$$

$$\frac{(D - \boldsymbol{l_i})}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}}^{(\boldsymbol{l_s}-k+}$$

$$\sum_{j_{ik}=j_s+-1}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=_{sa}-j_{sa}^{ik})} \sum_{j_i-js-j_{sa}}^{}$$

$$\sum_{=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{ik+j_{ik}-j^{sa}-\Bbbk_2} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D-n+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\ )}^{(n_i-j_s+1)} \sum_{n_{ik}=n}^{n_{is}+j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n)}^{(n_{ik}+j_{ik}-\ -\Bbbk_2)} \sum^{n_{sa}+j^{sa}}_{n-j_i+1}$$

$$\frac{-n_{is}-1)!}{-2)! \cdot (\ -n_{is}-j_s+1)!} \cdot$$

$$\frac{(\ -n_{ik}-1)!}{-j_s-1) \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(\ -j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-k+1)}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{\left(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}\right)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\;\;+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}\quad \Bbbk-\quad)!}{(2 \cdot n_{is}+2 \cdot j_s+\Bbbk_2-n_{ik}-j\quad-\boldsymbol{n}-\Bbbk\quad j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n}\quad_a-j_s-s)!}$$

$$\frac{(\boldsymbol{l_s}-\quad}{(\boldsymbol{l_s}-\quad-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\quad-\boldsymbol{l_i})!}{(D\quad j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!}$$

$$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s} : \left\{ j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i} \right\} \wedge$$

$$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$_{fz}S^{DOSD}_{\cdots, j_{ik}, j^{sa}, j_i} \cdots = \sum_{k=\cdots}^{D+\cdots-\cdots^{ik}+1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik}=\cdots+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\cdots_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_{ik}} - k + 1} \sum_{(j_i + j_{sa} - s)}^{(\ )} \sum_{j_i + s - k - j_{sa}^{ik} + 2}^{\boldsymbol{l_i}}$$

$$\sum_{n_i = \boldsymbol{n} +}^{n} \sum_{n_s = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ )} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{}$$

$$\sum_{sa = \boldsymbol{n} - j^{sa} + 1)}^{+ j_{ik} - j^{sa} - \Bbbk_2} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(\ - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D-n+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=l_i+n}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\ -j_{sa}+1)}^{(n_{ik}+j_{ik}-\ \Bbbk_2)} \sum_{n_s=n-j_i}^{n_{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=l_i+n-D}^{l_{ik}+s-k-j_{sa}^{ik}+1}$$

$\qquad D > \boldsymbol{n} < n$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk \quad \Bbbk - j_{sa}^s)} \cdot$$

$$\frac{(\quad + j_{sa}^s \quad - s)!}{}$$

$$\frac{\quad - k - 1)!}{(\boldsymbol{l}_s - j_s \quad + 1)! \cdot (j_s - \quad)!} \cdot$$

$$\frac{(D - \quad)!}{(\quad j_i - \boldsymbol{n} \quad \boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} < j^{sa} + j_{sa}^{ik} - \quad \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s \quad \quad < \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + \quad - j_{sa} > \boldsymbol{l}_{ik} \quad + j_{sa} - s > \boldsymbol{l}_{sa} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq \quad - 1 \wedge j_{sa}^{ik} \quad \quad a - 1 \wedge j_{sa}^s < \quad \quad \wedge$

$\boldsymbol{s}. \quad \{j_{sa}^s, \cdots, \Bbbk_1, \quad \Bbbk_2, j_{sa}, \quad j_{sa}^i\} \wedge$

$s > \quad \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\quad_z : z = z \quad \Bbbk = \Bbbk_1 + \Bbbk \quad \Rightarrow$

$$_{fz}S_{\Rightarrow j_s,\,j_{ik},\,j^{sa},\,j_i}^{DOSD} = \left(\sum_{k=1}^{D+\boldsymbol{l}_{ik}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \right.$$

$$\sum_{j_{ik}=\boldsymbol{l}_{ik}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=\boldsymbol{l}_i+\boldsymbol{n}-D}^{\boldsymbol{l}_{ik}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n - j^{sa})!} \cdot$$

$$\frac{(n_s - n_s - 1)}{(j_i - j^{sa} - 1)! \cdot (+ j^{sa} - n_s - i)!} \cdot$$

$$\frac{(n_s - 1)!}{(+ j_i - 1) \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(+ \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )} \sum_{j_i=\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+2}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$D > \boldsymbol{n} < n$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - s - k + 1)! \cdot (s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - l_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa})! \cdot (j^{sa} + j_s - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_{ik})!}{(D + j_i - \boldsymbol{n} - l_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{s=D+l_{ik}+s-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-l_i-j_{sa}+} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{( )}$$

$$\sum_{j=l_{ik}+\boldsymbol{n}-D}^{l_{ik}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{( )} \sum_{j_i=l_i+\boldsymbol{n}-D}^{l_{sa}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-\right.}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\quad-j_i)!}$$

$$\left(\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+}\right.$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}\quad-D}^{j^{sa}+j_{sa}^{ik}-j\quad(j\quad s-1)}\sum_{(j^{sa}=\quad\boldsymbol{n}-D)}^{\boldsymbol{l_{ik}}\quad-k-j_{sa}^{ik}+1}\sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}$$

$$\sum_{=\boldsymbol{n}+\Bbbk}^{n}\sum_{(n_{is}=\boldsymbol{n}\quad-j_s+1)}^{n_i-j_s+1)}\sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{ik+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} -)}$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s = j_{ik} - j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(j_i+j_{sa}\ 1)} \sum_{j_i+s-k-j_{sa}^{ik}+2}^{\boldsymbol{l_{sa}}+s-1}$$

$$\sum_{n_i=\boldsymbol{n}+}^{n} \sum_{n_s=\boldsymbol{n}+\Bbbk-j_s+1)}^{-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{j_{ik}-\Bbbk_1}$$

$$\sum_{sa=\boldsymbol{n}-j^{sa}+1)}^{+j_{ik}-j^{s}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(\ - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+$$

$$\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-k+1}\sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-k+1)}\sum_{j_i=l_{sa}+k-j_{sa}+2}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n}\sum_{(n_{is}=n+\ \ +1)}^{(n_i-j_s+1)}\sum_{n_{ik}=n+\ \ +1}^{n_{is}+j_s+j_{ik}-\Bbbk_1}$$

$$\sum_{n_{sa}=n-\ }^{(n_{ik}+j_{ik}-\ -\Bbbk_2)}\sum_{\ }^{n_{sa}+j^{sa}-\ }\ ^{\ -n-j_i+1}$$

$$\frac{\ -n_{is}-1)!}{(\ -2)!\cdot(\ -n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-\ -\Bbbk_1-1)!}{(j_{ik}-\ -1)!\cdot(n\ +j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j\ -j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa}\right)!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+$$

$$D > \boldsymbol{n} < n$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+?-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=?-j_{sa}+1)}^{(n_{ik}+j_{ik}-?-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j?}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_? - 1)!}{(j_s - 2)! \cdot (? - n_? - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}+n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{sa}+n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_{sa}}+s-k-j_{sa}+2}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i \qquad -1)}{(j_s-2 \qquad \cdot (n_i-n_{is} \qquad +1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}- \qquad -1)!}{(j_{ik}-j_s-1 \qquad +j_s-n \qquad -j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n \qquad -n_{sa}- \qquad}{(j^{sa}-j \qquad -1)!\cdot(\qquad +j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\qquad_{sa}-n_s \qquad 1)!}{(j_i-j^{sa}-1 \qquad (n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(\qquad_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(\qquad_k+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}+n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{sa}+n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_i+n}-D}^{\boldsymbol{l_i}-k+1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i}^{(\;)}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s -)!}$$

$$\frac{(\boldsymbol{l_s} - k -)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (\;\;j_s - 2)!}$$

$$\frac{(D \;\;\;)}{(D + j \;\;\boldsymbol{n} - \boldsymbol{l_i})! \cdot (\;\;\;j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{\;\;} + j_{sa}^{ik} - \;\;\wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \;\;\boldsymbol{l_i} + j_{sa} - s - \;\;_{sa} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} \;\;\;\wedge j_{sa}^s < j_{sa}^{ik} - \;\;\wedge$

$\boldsymbol{s} : \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{\;\;}$

$s > 4 \;\;\boldsymbol{s} = s + \Bbbk$

$\Bbbk_{\;\;}z = 2 \wedge \Bbbk \;\;\Bbbk_1 + \Bbbk_2$

$$_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\;)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-k}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \;\;)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa}\;\; n_s - j_i)!} \cdot$$

$$\frac{\;\;- 1)!}{(n_s + \;\; - \boldsymbol{n} - \;\;)\;\; - j_i)!} \cdot$$

$$\frac{(\;\;k - 1)!}{\;\; j_s - k\;\;)! \cdot (j_s - 2)!}$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa}\;\; \boldsymbol{l}_{ik} - j_{sa})}{(j_{ik} + \boldsymbol{l}_{sa} - j^{s}\;\; \boldsymbol{l}_{ik})! \cdot (\;\;a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D\;\; \boldsymbol{l}_i)!}{(D + \;\; - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l}_{ik} + \;\; - l_i - j_{sa}^{ik} + 1} \;\; \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\;)}$$

$$\sum_{j_{ik} = \boldsymbol{l}_s + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\;\; + j_{sa}^{ik} - k} \;\; \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\;)} \;\; \sum_{j_i = \boldsymbol{l}_s + s - k + 1}^{\boldsymbol{l}_i - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \;\; \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \;\; \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \;\; \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \qquad)} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - \quad - j_{sa})!}$$

$$\frac{(\qquad)!}{(D + j \qquad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}}^{D-\boldsymbol{n}+1} \sum_{(\quad n-l_i-j_{sa} \quad)}^{(\quad)} \sum_{(\quad - j_{sa}^{ik}+1)}$$

$$\sum_{=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-}^{\boldsymbol{l_s}+j \quad -k} \sum_{j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{ } \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n \quad s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa})}^{(\ )} \sum^{+s-k}_{=\boldsymbol{n}-D}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{ik}+\Bbbk)}^{(n_i - j_s + 1)} \sum_{n_{ik} = j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = j_{ik} - j^{sa})} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + \Bbbk_2 - n_{ik} \quad j_{ik} - s - \Bbbk - \Bbbk)!}{n_{is} \quad 2 \cdot j_s + \quad - n_{ik} - k - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} \quad \wedge \boldsymbol{l_s} > D - \quad + 1 \wedge$

$2 \leq j_s \leq j_{ik} - \quad + \quad j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i \quad - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + \quad > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s} : \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$$_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )} \sum_{j_i=l_i+n-}^{l_s+s-k}$$

$$\sum_{n_i=n+\mathbb{k}}^{n} \sum_{(n_{is}=n+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{}^{n_{is}+\cdots-j_{ik}-\mathbb{k}_1}$$

$$\sum_{}^{(n_{ik}+\cdots j^{sa}-\mathbb{k}_2)\,n_{sa}+\cdots j_{ik}+1} \sum_{n_s=n-j_i+1}^{}$$

$$\frac{(n_i - n_{is} \quad)}{(j_s - 2)\cdots(n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} \quad _{ik} - \mathbb{k}_1 \quad 1)!}{(j_{ik} - j_s - 1)! \cdot (n + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n - n_{sa} - 1)!}{(- j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(- j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_s}+s-k+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \quad (n_i-n_{is} \quad +1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}- \Bbbk \quad 1)!}{(j_{ik}-j_s-1 \quad +j_s-n \quad -j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)}{(j^{sa}-j_{ik}-1)!\cdot(\quad +j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-k-j_{sa}^{ik}+1)!}{(j_s+k-j_{ik}-\boldsymbol{l_{ik}})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-k}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}-s-\Bbbk-\Bbbk)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j_{ik}-\boldsymbol{n}-\Bbbk-\Bbbk-j_{sa}^s)!}\cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$\ _{j_s}S_{,j_s,j_{ik},j^{sa},}^{DOSD} = \left(\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} \right.$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_s} + s - k}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} }$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)} \cdot (j_s - 2)!$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (\ _{sa} + j_{sa}^{ik} - j \ j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i})!}{ \boldsymbol{n} \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + \quad \boldsymbol{l_i} - j_{sa}^{ik} + 1} \quad \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} \quad \boldsymbol{n} + j_{sa}^{ik} - }^{ _{sa}^{ik} - k} \quad \sum_{= j_i + j_{sa} - s} \quad \sum_{j_i = \boldsymbol{l_s} + s - k + 1}^{\boldsymbol{l_{sa}} + s - k - j_{sa} + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \quad \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \quad \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \quad \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - \;\;)!}$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-\;\;+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=j_{ik},\,j_{sa}^{ik}+1)}^{(\;\;)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-\;\;}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{sa=j_i+j_{sa}-\;\;}^{} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+\;\;+1}$$

$$\sum_{n_i=\boldsymbol{n}+\;\;}^{n} \sum_{s=\boldsymbol{n}+\mathbb{k}-\;\;}^{-j_s+1} \sum_{n_{ik}=\boldsymbol{n}+\mathbb{k_2}-j_{ik}+1}^{j_{ik}-\mathbb{k_1}}$$

$$\sum_{sa=\boldsymbol{n}-j^{sa}+1}^{+j_{ik}-j^{\;}-\mathbb{k_2}} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k_1} - 1)!}{(\;\; - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k_1})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}\Bigg) +$$

$$\Bigg(\sum_{k=1}^{D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = l_s + n + j_{sa}^{ik} - D - 1}^{j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = l_{sa} + n - D)}^{(j_i + j_{sa} - s - 1)} \sum_{= l_i + n - D}^{l_s + s -}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk}^{(n_i - j_s + 1)}{+1)} \sum_{n_{ik} = n + \Bbbk_2 - \ + 1}^{n_{is} + j_s \ - k - \Bbbk_1}$$

$$\sum_{= n - j^{sa}}^{(n_{ik} + j_{ik} - \ \Bbbk_2)} \sum_{}^{n_{sa} + j^{sa} - j_i}{- j_i + 1}$$

$$\frac{(\ - n_{is} - 1)!}{(j_\ - 2)! \cdot (n_\ - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n \ - \Bbbk_1 - 1)!}{(_{ik} - j_\ - 1)! \cdot (n_\ + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{\ } - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$D > \boldsymbol{n} < n$$

$$\sum_{k=1}^{D+l_{ik}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=l_s+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=l_{sa}+\boldsymbol{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_s+s-k}^{l_{sa}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}\ \ -j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}\ \ a+1)}^{(n_{ik}+j_{ik}-\ \ )} \sum_{n_s=\boldsymbol{n}-j_i}^{sa-j_i}$$

$$\frac{(\quad-n_{is}\quad 1)!}{(j_s\quad 2)!\cdot(n_i\quad _s+1)!}\cdot$$

$$\frac{(\quad -n_{ik}\quad \Bbbk_1-1)!}{(\quad _{ik}-j_s-1)!\quad n_{is}+j_s\quad _{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}\quad n_{sa}-1)!}{(j^{sa}\quad _k-1)!\quad n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{\quad -j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-\boldsymbol{n}-l_i)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+l_{ik}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-k+1)} \sum_{j_i=l_{sa}+s-k-j_{sa}+2}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{i}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=n-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \quad (n_i-n_{is} \quad -1)!} \cdot$$

$$\frac{(n_{i} - n_{ik} - \Bbbk \quad 1)!}{(j_{ik}-j_s-1) \quad n_{i}-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} \quad n_{sa}-1)}{(j^{sa}-j_{ik} \quad 1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_{sa}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)} \cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}--1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+-n_{sa}-j)} \cdot$$

$$\frac{(n_{sa}-)}{(j^{sa}-1)(n_{sa}+-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(+j_i-1)!\cdot(\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l}j_s-k+1)!\cdot(j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_{sa}}+s-k-j_{sa}+2}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk)!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(\ +j_i-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l}_s-k-1)!}{(\boldsymbol{l}_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l}_{sa}+j_{sa}^{ik}-\boldsymbol{l}_{ik}-j_{sa})!}{(\ +\boldsymbol{l}_{sa}-j^{sa}-\boldsymbol{l}_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l}_i+j_{sa}-\boldsymbol{l}_{sa}-s)!}{(j^{sa}+\boldsymbol{l}_i-j_i-\boldsymbol{l}_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l}_i)!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l}_i)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l}_{sa}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}+2}^{D-\boldsymbol{n}+1}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l}_s+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l}_s+j_{sa}^{ik}-k}\sum_{(j^{sa}=\boldsymbol{l}_{sa}+\boldsymbol{n}-D)}^{(\boldsymbol{l}_{sa}-k+1)}\sum_{j_i=\boldsymbol{l}_i+\boldsymbol{n}-D}^{\boldsymbol{l}_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \,)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\quad - 1)!}{(n_s + \quad - \boldsymbol{n} - \quad - j_i)!} \cdot$$

$$\frac{(\quad k - 1)!}{j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} - \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j^{sa} - \boldsymbol{l}_{ik})! \cdot (\quad^a + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l}_i \quad_a - \boldsymbol{l}_{sa} \quad s)!}{(\quad + \boldsymbol{l}_i - j_i - \boldsymbol{l}_s \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D + \boldsymbol{l}_s + s - \boldsymbol{n} - \boldsymbol{l}_i} \sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = j^{sa} + j^{ik}_{sa} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\quad)} \sum_{j_i = \boldsymbol{l}_i + \boldsymbol{n} - D}^{\boldsymbol{l}_s + s - k}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j^s_{sa})!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j^s_{sa} - j_s - s)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$

$D \geq n < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s : \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s > 4 \wedge s = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$S_{\Rightarrow j_s, j_{ik} \cdots}^{DOS\cdots} = \sum_{k=1}^{+l_s + s - n - l_i} \sum_{(j_s = l_s + n - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = l_i + n - D}^{l_s + s - k}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \qquad)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s \qquad_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\qquad)!}{(D + j \qquad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\qquad j_i)!} +$$

$$\sum^{D + \boldsymbol{l_s} + \qquad - \boldsymbol{l_i}}_{k \qquad \qquad (\qquad \boldsymbol{l_s} + \boldsymbol{n} - D)} \sum^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{= j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(\qquad j_i + j_{sa} - s)} \sum^{\boldsymbol{l_{ik}} + s - k - j_{sa}^{ik} + 1}_{j_i = \boldsymbol{l_s} + s - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk} \sum^{(n \qquad + 1)}_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum^{n_{is} + j_s - j_{ik} - \Bbbk_1}_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}$$

$$\sum^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)} \sum^{n_{sa} + j^{sa} - j_i}_{n_s = \boldsymbol{n} - j_i + 1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{\left(j_s + l_{ik} - j_{ik} - l_s\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum^{l_{ik}+\ \ -j_{sa}^{ik}+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{}^{(n_i-j_s+\ )} \sum_{n_{ik}}^{n_{is}+j_s-j_{ik}} +\Bbbk_2-j_{ik}+1$$

$$\sum_{(n_{sa}=n-\ +1)}^{\ \ j_{ik}-j^{sa}-\Bbbk_2} \sum_{n_s=n-j_i+1}^{j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - \ )! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - \ _s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{\left(j_s + l_{ik} - j_{ik} - l_s\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\left.\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}\right) +$$

$$\left(\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)} \right.$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}}^{\boldsymbol{l_s}+s-k}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\cdots-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-\cdots+1)}^{(n_{ik}+j_{ik}-j^{sa}\cdots sa-j_i)} \sum_{n_s=\boldsymbol{n}-j_i+\cdots}^{\cdots}$$

$$\frac{\cdots-n_{is}\cdots 1)!}{(j_s\cdots)!\cdot(n_i\cdots+1)!}$$

$$\frac{(\cdots-n_{ik}\cdots-1)!}{\cdots-j_s-1)!\cdots_s+j_s\cdots_{ik}-j_{ik}-\Bbbk_1)!}$$

$$\frac{(n_{ik}\cdots n_{sa}-1)!}{(j^{sa}\cdots-1)!\cdots n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_{sa}-n_s-1)!}{\cdots-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_s+s-k+1}^{l_{ik}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \cdots (n_i-n_{is} \quad +1)!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1 \quad 1)!}{(j_{ik}-j_s-1) \cdots (n_i-n_{is}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik} \quad n_{sa}-1)!}{(j^{sa}-j_{ik} \quad 1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s \quad 1)!}{(j_i-j^{sa}-1) \cdots (n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}^{(l_{ik}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=l_{ik}+s-k-j_{sa}^{ik}+2}^{l_i-k+1}$$

320    $D > \pmb{n} < n$

$$\sum_{n_i=\pmb{n}+\Bbbk}^{n} \sum_{(n_{is}=\pmb{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\pmb{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\pmb{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\pmb{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(\pmb{n} + j_i - n_s - 1)! \cdot (\pmb{n} - j_i)!} \cdot$$

$$\frac{(\pmb{l}_s - k - 1)!}{(\pmb{l}_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\pmb{l}_{ik} - \pmb{l}_s - j_{sa}^{ik} + 1)!}{(j_s - \pmb{l}_{ik} - j_{ik} - \pmb{l}_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\pmb{l}_i + j_{sa} - \pmb{l}_{sa} - s)!}{(j^{sa} + \pmb{l}_i - j_i - \pmb{l}_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \pmb{l}_i)!}{(D + j_i - \pmb{n} - \pmb{l}_i)! \cdot (\pmb{n} - j_i)!} +$$

$$\sum_{k=D+\pmb{l}_s+s-\pmb{n}-\pmb{l}_i+1}^{D+\pmb{l}_{sa}+s-\pmb{n}-\pmb{l}_i-j_{sa}+1} \sum_{(j_s=\pmb{l}_s+\pmb{n}-D)}^{(\pmb{l}_s-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\pmb{l}_{ik}+\pmb{n}+j_{sa}-D-j_{sa}^{ik})}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\pmb{l}_i+\pmb{n}-D}^{\pmb{l}_{ik}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\pmb{n}+\Bbbk}^{n} \sum_{(n_{is}=\pmb{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\pmb{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk)!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(+j^{sa}-n_s-i)!}\cdot$$

$$\frac{(n_s-1)!}{(+j-1)\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}--j_{sa}^{ik}+1)!}{(j_s+-j_{ik}-)\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+2}^{l_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \;)} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)} \cdot$$

$$\frac{\; - 1)!}{(n_s + \quad - \boldsymbol{n} - \quad j_i)!} \cdot$$

$$\frac{(\quad k - 1)!}{j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} \quad - j_{sa}^{ik} \quad)}{(j_s + \boldsymbol{l_{ik}} \quad - \boldsymbol{l_s}) \quad (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_i} \quad a - \boldsymbol{l_{sa}} \quad s)!}{(\quad + \boldsymbol{l_i} - j_i - \boldsymbol{l_s} \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} + \;\;)} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa} - 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s} \;)! \cdot (j_{ik} - j_s \;\; + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - \;\;)! \cdot (j_i + \;\; - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \;\; - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$\sum_{k=1}^{\;\; + \boldsymbol{l_s} + s - \boldsymbol{n}\;} \quad \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\;\;)}$$

$$\sum_{= j^{sa} + j_{sa}^{ik} - j_{sa}} \quad \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\;\;)} \quad \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_s} + s - k}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \quad \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \quad \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\;\;)} \quad \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D > \boldsymbol{n} < n$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$

$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$
{}_{fz}S_{\Rightarrow j_s, \cdots, j^{sa}, j_i}^{D, \cdots, D} \sum_{k=1}^{s-\boldsymbol{n}-\cdots(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s = \boldsymbol{l_s}+\boldsymbol{n}-D)}^{\cdots}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}} \sum_{(\cdots sa=j_i+j_{sa}-s)}^{(\cdots)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-k}
$$

$$
\sum_{j_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(\cdots - j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot
$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - \ldots)!} \cdot$$

$$\frac{(D - l_i)\ldots}{(D + j_i - n - l_i)! \cdot (\ldots n - j_i)!} \cdot$$

$$\sum_{\ldots}^{D+l_s+\ldots} \sum_{(j_s = l_s + n \ldots)}^{(l_s \ldots + 1)}$$

$$\sum_{j_{ik} = l_{ik} \ldots - D}^{j^{sa} + j_{sa}^{ik} - \ldots} \sum_{(j^{sa} \ldots j_{sa} - s)}^{\ldots} \sum_{j_i = l_s + s - k + 1}^{\ldots s - k - j_{sa}^{ik} + 1}$$

$$\sum_{\ldots = n + \Bbbk}^{n} \sum_{(n_{is} = n \ldots - j_s + 1)}^{\ldots (n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{\ldots k + j_{ik} - j^{sa} - \Bbbk_2} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum \sum_{n_{ik}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-\ +1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - \ )! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - \ _s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\ ^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D-n+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=l_i+n-D}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\ldots^{isa}+1)}^{(n_{ik}+j_{ik}\ldots^{sa}-\Bbbk_2)} \sum_{n_s=n-\ldots}^{n_{s}\ldots^{sa}-j_i}$$

$$\frac{(n_i - \ldots - 1)!}{(\ldots - 2)!\cdot(\ldots - n_{\ldots} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)!\cdot(n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)!\cdot(n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)!\cdot(n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)!\cdot(n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)!\cdot(j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)!\cdot(j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})!\cdot(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)!\cdot(n - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-k}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=\ \ +j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}\ \ \ \Bbbk-\ )!}{(2 \cdot n_{is}+2 \cdot j_s+\Bbbk_2-n_{ik}-j\ \ -\boldsymbol{n}-\Bbbk\ \ +j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n}\ \ \ \ {}^s_a-j_s-s)!}$$

$$\frac{(\boldsymbol{l_s}-\ \ }{(\boldsymbol{l_s}-\ \ -k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\ \ -\boldsymbol{l_i})!}{(D\ \ j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + \ \ $

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \ \ \ {}^{ik}\ \ -1 \leq j_{ik}\ \ {}^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - \ \ \wedge j^{sa} + s - j_{sa}\ \ j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - \ _{sa} + \ \ > \boldsymbol{l_s} \wedge\ \ + j_{sa}^{ik} - j_{sa} > \ \ \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge l\ \ \Bbbk > 0 \wedge$

$j_{sa} \ \ \ j\ \ -1 \wedge j_{sa}^{ik} = \ \ -1 \wedge j_{sa} < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \ \ \ j_{sa}^{ik}, \Bbbk_2, j_s\ \ \cdots, j_{sa}^i\} \wedge$

$s > \ \ \ s = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \ \ = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$${}_{fz}S^{DOSD}_{\Rightarrow j_s\ ,j_{ik},j^{sa},j_i} = \left(\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)} \right.$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-k}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} + s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_s}+s-k+1}^{\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk)!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(+j^{sa}-n_s-i)!}\cdot$$

$$\frac{(n_s-1)!}{(+j-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-j_{sa}^{ik}+1)!}{(j_s+-j_{ik}-\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{k}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+2}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(- 1)!}{(n_s + - \boldsymbol{n} - - j_i)!} \cdot$$

$$\frac{(k - 1)!}{(j_s - k +)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - j_{sa}^{ik})!}{(j_s + \boldsymbol{l_{ik}} - \boldsymbol{l_s}) \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_s - \boldsymbol{l_{ik}} -)!}{(j_{ik} + \boldsymbol{l_s} - j^{sa} - \boldsymbol{l_{ik}}) \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \quad \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \quad \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \quad \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \quad \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \quad \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \quad \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} \cdots)} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1) \cdots (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - \cdots 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s} \cdots (j_{ik} - j_s \cdots + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - \cdots)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \cdots (j^{sa} + j_{sa} \cdots j_{ik} - j_{sa})!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(\cdots + j_i - \cdots \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(j_i + j_{sa} - s - 1)} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_s} + s - k}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s \quad _{sa}^{ik} + 1)!}$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \quad)}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (\quad _{sa} + j_{sa}^{ik} - j_{ik} \quad _{sa})!} \cdot$$

$$\frac{(\boldsymbol{l} + j_{sa} - \boldsymbol{l_{sa}} \quad s)!}{(j^{sa} + \boldsymbol{l_i} - j \quad _{sa} \quad)(j_i + j_s \quad - j^{sa} - s)!}$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - l_i} \; \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{= \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{sa + j_{sa}^{ik} - j_{sa}} \; \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(j_i + j_{sa} - s - 1)} \; \sum_{j_i = \boldsymbol{l_s} + s - k + 1}^{\boldsymbol{l_{ik}} + s - k - j_{sa}^{ik} + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \; \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \; \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \; \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + \dots)!}$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - \dots - j_{sa})!}$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} \dots)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}}) \cdot (j_i + j_{sa} - \dots)!}$$

$$\frac{(D \dots \boldsymbol{l_i})!}{(\dots + j \dots \boldsymbol{n} - \boldsymbol{l_i} \dots) \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k \dots}^{\dots + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \dots + 1} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}$$

$$\sum_{= \boldsymbol{l_{ik}} + \boldsymbol{n}}^{\dots - k + 1} \sum_{(\dots_{sa} + \boldsymbol{n} - D)}^{(j_i + j \dots s - 1)} \sum_{j_i = \boldsymbol{l_{ik}} + s - k - j_{sa}^{ik} + 2}^{\boldsymbol{l_{sa}} + s - k - j_{sa} + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j\right)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - l_{sa} - s)!} \cdot$$

$$\frac{(D)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{D+l_s+s-l_i} \sum_{(l_s + n - D)}^{(l_s - k + 1)}$$

$$\sum_{=l_{ik}+n-D}^{l_{ik}-k+1} \sum_{(j^{sa}=+n-D)}^{(l_{sa}-k+1)} \sum_{j_i=l_{sa}+s-k-j_{sa}+2}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk\,(n_{is}=n+\Bbbk-j_s+1)}^{n} \sum_{(n+j_s+1)}^{(n+j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{\left(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s}\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s\right)!}{\left(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - \right)!} \cdot$$

$$\frac{\left(D - \boldsymbol{l_i}\right)}{\left(D + j_i - \boldsymbol{n} - \boldsymbol{l_i}\right)! \cdot \left(\boldsymbol{n} - j_i\right)!} \cdot$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\ +1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-\ } \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-\ )}^{(\boldsymbol{l_s}-\ +1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\ -D}^{\boldsymbol{l_{ik}}-k+\ (\ -s-1)} \sum_{(j^{sa}=\ +\boldsymbol{n}-D)}^{\ } \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\ }$$

$$\sum_{=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}-\ -j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{\ +j_{ik}-j^{sa}-\Bbbk_2} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{\left(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s}\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s-n+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-k+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-k+1)} \sum_{l_{sa}+s-k-j_{sa}+2}^{}$$

$$\sum_{n_i=n}^{n} \sum_{(n_{is}=n+\mathbb{k}_1+1)}^{n_i-j_s} \sum_{n_{ik}=n+\mathbb{k}_2-j_{ik}+1}^{n_{is}-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{n_{ik}+j_{ik}-n-\mathbb{k}_2} \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+n-\ )}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{l_{ik}-k+1} \sum_{(j^{sa}=l_{sa}\ \ \ )}^{(l_{sa}-k+1)} \sum_{j_i=\ \ -\boldsymbol{n}-D}^{\ _i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\ }^{n} \sum_{\ \ k-j_s+1)}^{(n_i-j_s\ \ )} \sum_{n\ \ +\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}\ \ }$$

$$\sum_{(n_{sa}=n\ \ sa+1)}^{\ \ +j_{ik}-j\ \ } \sum_{n_s=\boldsymbol{n}-j_i+1}^{\ \ j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - \ )! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(\ \ \ n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}\ \ j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\ - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left.\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}\right) -$$

$$\sum_{k=1}^{D + l_s + s - n - l_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\quad)} \sum_{= l_i + n - D}^{l_s + s -}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk -)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} - j^{sa})}^{(\quad)} \sum_{j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 \quad n_{ik} - j_s - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(n + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s \quad D - n \quad 1 \wedge$

$2 \leq \quad \leq j_{ik} - j_{sa}^{ik} + \quad \wedge j_s + j_{sa} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{a} = j_i + \quad - s \wedge j^{sa} \quad s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - \quad + 1 = \quad sa + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D \geq n < \quad \quad \mathbf{I} = \Bbbk > 0 \wedge$

$\quad < j^i \quad 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s > 4 \wedge s = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$D > \boldsymbol{n} < n$$

$$
_{fz}S^{DOSD}_{\Rightarrow j_s,\,j_{ik},j^{sa},j_i} = \sum_{k=1}^{D+l_{ik}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=\boldsymbol{n})}^{(n_{ik}+j_{ik}-)} \sum_{n_s=\boldsymbol{n}-j_i}^{sa-j_i}
$$

$$
\frac{(\quad - n_{is} \quad 1)!}{(j_s \quad 2)! \cdot (n_i \qquad j_s+1)!} \cdot
$$

$$
\frac{(\quad - n_{ik} \quad \Bbbk_1 - 1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s \quad n_{ik}-j_{ik}-\Bbbk_1)!} \cdot
$$

$$
\frac{(n_{ik} \quad n_{sa}-1)!}{(j^{sa} \quad_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(\quad-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot
$$

$$
\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot
$$

$$
\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot
$$

$$
\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+2)}^{(l_i+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \; \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \; \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \; \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-\cdots-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+\cdots-n_{sa}-j\cdots)!}\cdot$$

$$\frac{(n_{sa}-\cdots-1)!}{(\cdots j^{sa}-\cdots)!\cdot(n_{sa}+\cdots-j_i)!}\cdot$$

$$\frac{(\cdots n_s-1)!}{(\cdots+j_i-\cdots+1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l}\cdots j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\boldsymbol{l_{sa}}\cdots j^{sa}-\boldsymbol{l_{ik}})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D-\boldsymbol{n}+1} \; \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \; \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \; \sum_{j_i=j^{sa}+s-j_{sa}}^{}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \; \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \; \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \; \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(-1)!}{(n_s + - \boldsymbol{n} - 1 - j_i)!} \cdot$$

$$\frac{(k - 1)!}{(j_s - k - 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j - \boldsymbol{l_{ik}})! \cdot (+ j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \quad \boldsymbol{l_i})!}{(D + - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{\boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)}^{(\boldsymbol{l_{ik}} + j_{sa} - k - j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{()} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$

$D \geq n < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \} \wedge$

$s > 4 \wedge s = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOS} = \left(\sum_{?}^{?+s-n-l_i, j_{sa}^{ik}+1} \sum_{(j_s = j_{ik} - j_{sa}^{ik}+1)}^{(\ )} \right.$$

$$\sum_{j_{ik} = ?+n-D}^{?sa+j_{sa}^{ik}} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)}^{(l_{ik} + ? - k - j_{sa}^{ik}+1)} \sum_{j_i = j^{sa} + s - j_{sa}}^{?}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j\right)}$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}} \quad \sum_{(j_s = j_{ik} - j_{sa}^{ik})}$$

$$\sum_{ik = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_{ik}} - k + 1} \quad \sum_{sa = \boldsymbol{l_{ik}} + j_{sa} - j_{sa}^{ik} + 2)} \quad \sum_{j_i = j + s - j_{sa}}$$

$$\sum_{= \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = n_i - j_s + 1)}^{n_i - j_s + 1} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{ik + j_{ik} - j^{sa} - \Bbbk_2} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-k+1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-k+1)} \sum^{l^{sa}-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{\qquad}^{(n_i-j_s+\ )} \sum_{n_{ik}=\ +\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n-\quad+1)}^{(\quad+j_{ik}-j^{sa}-\Bbbk_2\quad)} \sum_{n_s=n-j_i+1}^{j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - \ )! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - \ _s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\ ^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}\Bigg) +$$

$$D > \boldsymbol{n} < n$$

$$\left(\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \right.$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(l_i+\boldsymbol{n}+j_{sa}-D-s-1)} \sum_{j_i=l_i+\boldsymbol{n}}^{l_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n})}^{(n_{ik}+j_{ik}-\ )} \sum_{n_s=\boldsymbol{n}-j_i}^{n_{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i + \ - j_s + 1)!} \cdot$$

$$\frac{\ - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(\ - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \;\; \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \;\; \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \;\; \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \;\; \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{i\ldots}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \;\; \sum_{\ldots=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-\ldots}$$

$$\frac{(n_i\ldots-1)\ldots}{(j_s-2\ldots(n_i-n_{is}\ldots+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk\ldots1)!}{(j_{ik}-j_s-1\ldots i_s-n_{\ldots}-j_{ik}-\Bbbk_1)!}$$

$$\frac{(n_{ik}\ldots n_{sa}-1)\ldots}{(j^{sa}-j_{ik}\ldots1)!\cdot(\ldots+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ldots_{sa}-n_s\ldots1)!}{(j_i-j^{sa}-1)\ldots(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(\ldots_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \;\; \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;\;)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \;\; \sum_{(j^{sa}=\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+2)}^{(\boldsymbol{l_{sa}}-k+1)} \;\; \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \; \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \; \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \; \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n \; - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s \; - j_{i} \; - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - \; - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} \; - n_{sa} - j \;)!} \cdot$$

$$\frac{(n_{sa} \; - 1)!}{(\; j^{sa} - 1 \;) \cdot (n_{sa} + \; - j_i)!} \cdot$$

$$\frac{(\; n_s - 1)!}{(\; + j_i - n \; 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l} \; j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} \; j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \; \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \; \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s-1)} \; \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \; \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \; \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk)!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n\quad-j^{sa})!}$$

$$\frac{(n_s\quad-n_s-1)}{(j_i-j^{sa}-1)!\cdot(\quad+j^{sa}-n_s\quad i)!}\cdot$$

$$\frac{(n_s\quad1)!}{(\quad+j_i\quad)\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s\quad k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}\quad\boldsymbol{l_{ik}}-j_{sa})!}{(\quad+\boldsymbol{l_{sa}}\quad^{sa}-\boldsymbol{l_{ik}})!\quad(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}\quad\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1}\sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)}\sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j)} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{-1)!}{(n_s + - \boldsymbol{n} - - j_i)!} \cdot$$

$$\frac{k - 1)!}{j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{l_{sa} + j_{sa} \quad l_{ik} - j_{sa}}{(j_{ik} + l_{sa} - j^s \quad l_{ik})! \cdot (\quad a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(l_i \quad a - l_{sa} \quad s)!}{(\quad + l_i - j_i - l_s \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - \boldsymbol{n} - l_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k = D + l_{sa} + s - \boldsymbol{n} - l_i - j_{sa} + 2}^{D - \boldsymbol{n} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = l_{ik} + \boldsymbol{n} - D}^{l_{ik} - k + 1} \sum_{(j^{sa} = l_{sa} + \boldsymbol{n} - D)}^{(l_{sa} - k + 1)} \sum_{j_i = l_i + \boldsymbol{n} - D}^{l_i - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - \;)} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \;)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (\;sa + j_{sa}^{ik} - \; j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - \;)! \cdot (j_i + \; - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \; - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$\sum_{k=1}^{\;+\boldsymbol{l_s}+s-\boldsymbol{n}\;} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = j^{sa}\;}^{(\boldsymbol{l_{ik}} + j_{sa} - k - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)}^{\;} \sum_{j_i = j^{sa} + s - j_{sa}}^{\;}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}^{\;}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}^{\;}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\qquad D > \boldsymbol{n} < n$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$

$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S^{DOSD}_{\ldots, j_{ik}, j^{sa}, j_i} \; \sum_{k=\ldots}^{D+\ldots-\ldots^{ik}+1} \; \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{\ldots}^{j_{sa}^{ik} - j_{sa}} \; \sum_{\ldots}^{\ldots + j_{sa} - k)}$$

$$\sum_{\ldots + \boldsymbol{n} + j_{sa}^{\ldots} - 1} \; {}_{(j^{sa} = \boldsymbol{l_i} \ldots + j_{sa} - D - s)} \; \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{i = \boldsymbol{n} + \Bbbk}^{n} \; \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \; \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \; \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n -)}$$

$$\sum_{k=1}^{D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = l_s + n + j_{sa}^{ik} - D}^{l_s + j_{sa}^{ik} - k} \sum_{l_s + j_{sa} - k}^{(l_i + j_{sa} - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{n + \Bbbk - j}^{(-j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{j_{ik} - \Bbbk_1}$$

$$\sum_{sa = n - j^{sa} + 1}^{+ j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(_k - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i \quad sa+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\ +1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2 +1}^{n_{is}+j_s \quad ik-\Bbbk_1}$$

$$\sum_{sa=\boldsymbol{n}-j}^{(n_{ik}+j_{ik}- \quad \Bbbk_2)} \sum_{ -j_i+1}^{n_{sa}+j^{sa}-j}$$

$$\frac{(- n_{is} - 1)!}{(-2)! \cdot (- n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - - \Bbbk_1 - 1)!}{(j_{ik} - - 1)! \cdot (n + j_s - n_{ik} - j_{ik} - \Bbbk_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)} \sum_{n_s= \quad +j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik} \quad \Bbbk -)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}- \quad -n-\Bbbk \quad j_{sa}^s)!}\cdot$$

$$\frac{1}{(n \quad _a - j_s - s)!}$$

$$\frac{(l_s -)}{(l_s - \quad -k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\quad - l_i)!}{(D \quad j_i - n - l_i)!\cdot(n-j_i)!}$$

$D \geq n < n \wedge l_s > D - n + \quad$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \quad {}^{ik}_a - 1 \leq j_{ik} \quad {}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - \quad \wedge j^{sa} + s - j_{sa} \quad j_i \leq n \wedge$

$l_{ik} - j_{sa} + \quad > l_s \wedge \quad + j_{sa}^{ik} - j_{sa} = \quad l_i + j_{sa} - s = l_{sa} \wedge$

$D \geq n < n \wedge l \quad \Bbbk > 0 \wedge$

$j_{sa} \quad {}_i - 1 \wedge j_{sa}^{ik} = \quad - 1 \wedge j_{sa} < j_{sa}^{ik} - 1 \wedge$

$s: \{j_{sa}^s, \cdots, \quad j_{sa}^{ik}, \Bbbk_2, j_s \quad \cdots, j_{sa}^i\} \wedge$

$s > \quad s = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \quad = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$${}_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+j_{sa}-k+1)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\ldots - 1)!}{(n_s + \ldots - \boldsymbol{n} - 1)! \cdot (\ldots - j_i)!} \cdot$$

$$\frac{(\ldots k - 1)!}{(j_s - k \ldots)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} \ldots - j^{ik}_{sa} \ldots)!}{(j_s + \boldsymbol{l_{ik}} \ldots - \boldsymbol{l_s}) \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(D \ldots \boldsymbol{l_i})!}{(D + \ldots - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s \quad {}_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\qquad)!}{(D + j \qquad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\qquad j_i)!} -$$

$$\sum_{k=}^{D + \boldsymbol{l_s} + s} \quad \sum_{(\quad - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik}= \quad + j_{sa}^{ik} - j_{sa}}^{(\boldsymbol{l_s} + \quad k)} \sum_{(j^{sa} = \quad a + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{=\boldsymbol{n} + \Bbbk}^{(n_i - \quad 1)} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(\quad n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(\quad {}_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$$l_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$$

$$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s}: \left\{ j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i} \right\} \wedge$$

$$s > 4 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \left(\sum_{k=}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - l_i - j_{sa}^{ik} + 1} \right.$$

$$\sum_{j_{ik} = l_s + \boldsymbol{n} + j_{sa}^{ik}-1}^{j^{sa} + j_{sa}^{ik} - j_{sa}} \sum \sum^{(\boldsymbol{l_s} + j_{sa} - k)}$$

$$\sum_{n_i = \boldsymbol{n} + \mathbb{k}}^{n} \sum_{(n_{is} = -\mathbb{k} - j_s + 1)}^{(n_i - j_s)} \sum_{n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(\; + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \quad \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\boldsymbol{l_s} + j_{sa}^{ik} - k} \quad \sum_{(j^{sa} = \boldsymbol{l_s} + j_{sa} - k + 1)}^{(\boldsymbol{l_{sa}} - k + 1)} \quad \sum_{j_i}^{sa + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \quad \sum_{(n_{is} = \boldsymbol{n} + \Bbbk + 1)}^{(n_i - j_s + 1)} \quad \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 + 1}^{n_{is} + j_s - i_k - \Bbbk_1}$$

$$\sum_{sa = \boldsymbol{n} - j}^{(n_{ik} + j_{ik} - \Bbbk_2)} \quad \sum^{n_{sa} + j^{sa} - j_i} \quad {}_{- j_i + 1}$$

$$\frac{(\ - n_{is} - 1)!}{(j \ 2)! \cdot (\ n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - \ - \Bbbk_1 - 1)!}{(i_{ik} - j \ 1)! \cdot (\ + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j \ - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k = D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 2}^{D + \boldsymbol{l_{sa}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa} + 1} \quad \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=n-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)!}{(j_s-2) \quad (n_i-n_{is} \quad -1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk \quad 1)!}{(j_{ik}-j_s-1) \quad (n_{is}-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} \quad n_{sa}-1)!}{(j^{sa}-j_{ik} \quad 1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}\Bigg) +$$

$$\Bigg(\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$D > \boldsymbol{n} < n$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk)!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(+j^{sa}-n_s\;\;i)!}\cdot$$

$$\frac{(n_s\;\;1)!}{(+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(+\boldsymbol{l_{sa}}\;\;j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}\;\;\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;\;)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-k)}\sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(- 1)!}{(n_s + - \boldsymbol{n} -) \cdot (- j_i)!} \cdot$$

$$\frac{(k - 1)!}{(j_s - k)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} - \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j - \boldsymbol{l}_{ik})! \cdot (a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l}_i + a - \boldsymbol{l}_{sa} s)!}{(+ \boldsymbol{l}_i - j_i - \boldsymbol{l}_s)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l}_{ik} + s - \boldsymbol{n} - \boldsymbol{l}_i - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = \boldsymbol{l}_s + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\boldsymbol{l}_s + j_{sa}^{ik} - k} \sum_{(j^{sa} = \boldsymbol{l}_s + j_{sa} - k + 1)}^{(\boldsymbol{l}_{sa} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l}_i - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} \cdots)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1) \cdots (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \cdots)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (\cdots_{sa} + j_{sa}^{ik} - \cdots j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} \cdots s)!}{(j^{sa} + \boldsymbol{l_i} - \cdots)! \cdot (j_i + \cdots - j^{sa} - s)!} \cdot$$

$$\frac{(D - \cdots)}{(D + j_i \cdots \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{\substack{=D+\boldsymbol{l_{ik}}+s\cdots -\boldsymbol{l_i}-j_{sa}^{ik}+2}}^{D+\boldsymbol{l_{sa}}+\cdots\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+\cdots} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} \cdots + j_{sa}^{ik} - D - 1}^{+ j_{sa}^{ik} - k} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s - 1)} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - \ldots)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(\ldots)!}{(D + \ldots \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\ldots j_i)!} +$$

$$\sum_{k = D + \boldsymbol{l_{ik}} \ldots \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}}^{D + \boldsymbol{l_{sa}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}} \sum \binom{}{\ldots j_{sa}^{ik} + 1}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + \ldots k - D - 1}^{\boldsymbol{l_s} + j_{sa}^{ik} - k} \sum_{(j^{sa} = \boldsymbol{l_i} + \ldots j_{sa} - D - s)}^{(\boldsymbol{l_{sa}} - k + \ldots)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{\ldots} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n \ldots s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s\right)!}{\left(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - s\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_i+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}+j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+\ldots}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\ldots-D)}^{\ldots-k+1} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{1}$$

$$\sum_{n_i=\boldsymbol{n}+\ldots}^{n} \sum_{(n_s=\boldsymbol{n}+\Bbbk-\ldots+1)}^{\ldots-j_s+1} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{\ldots j_{ik}-\Bbbk_1}$$

$$\sum_{(\ldots_{sa}=\boldsymbol{n}-j^{sa}+1)}^{\ldots+j_{ik}-j^{sa}-\Bbbk_2} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(\ldots_k - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s\right)!}{\left(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - s\right)!} \cdot$$

$$\left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-k)} \sum_{j_i}^{sa+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-\ )}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s}^{\Bbbk_1}$$

$$\sum^{(\quad)} \sum_{(n_{sa}=n_{ik}-j^{sa}\ )}^{j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 \quad n_{ik} - \quad - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n - j_{ik} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(n + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s \quad D - n \quad 1 \wedge$

$2 \leq \quad \leq j_{ik} - j_{sa}^{ik} + \quad j_s + j_{sa} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + \quad - s \wedge j^{sa} \quad s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} \quad {}^{ik} + 1 > \quad {}_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$

$D \geq n < \quad \quad J = \Bbbk > 0 \wedge$

$\quad < j^i \quad 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s : \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s > 4 \wedge s = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$D > \boldsymbol{n} < n$$

$$
{}_{fz}S^{DOSD}_{\Rightarrow j_s\,,j_{ik},j^{sa},j_i} = \left(\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j^{ik}_{sa}+1)} \right.
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}-\ \ -j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=\boldsymbol{n}-\ \ +1)}^{(n_{ik}+j_{ik}-\ \ )} \sum_{n_s=\boldsymbol{n}-j_i+}^{\ \ sa-j_i}
$$

$$
\frac{\ \ -n_{is}\ \ 1)!}{(j_s\ \ )!\cdot(n_i\ \ +1)!}\cdot
$$

$$
\frac{(\ \ -n_{ik}\ \ -1)!}{\ \ _k-j_s-1)!\ \ _s+j_\ \ _{ik}-j_{ik}-\Bbbk_1)!}\cdot
$$

$$
\frac{(n_{ik}\ \ n_{sa}-1)!}{(j^{sa}\ \ -1)!\ \ n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{\ \ -j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot
$$

$$
\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{\left(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j^{ik}_{sa}+1\right)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot\left(j_{ik}-j_s-j^{ik}_{sa}+1\right)!}\cdot
$$

$$
\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+j_{sa}-k+1)}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j^{ik}_{sa}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_i - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j)!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - 1)(n_{sa} + j - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \boldsymbol{l}_{ik} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \ldots)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\ldots - 1)!}{(n_s + \ldots - \boldsymbol{n} - 1 \ldots - j_i)!} \cdot$$

$$\frac{(\ldots k - 1)!}{(j_s - k \ldots)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} \ldots - j_{sa}^{ik} \ldots)!}{(j_s + \boldsymbol{l_{ik}} \ldots - \boldsymbol{l_s}) \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\left. \frac{(D - \ldots_i)!}{(D + \ldots - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) +$$

$$\left(\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(j_{ik} - j_{sa}^{ik} + 1)} \right.$$

$$\sum_{ik = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(\boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s - 1)} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \boldsymbol{n} + j_{sa} - D - j_{sa}^{ik})}^{} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - \quad)} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - \quad)!}{(\boldsymbol{l_s} - j_s - k + 1) \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - \quad)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s} \quad (j_{ik} - j_s \quad + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} \quad s)!}{(j^{sa} + \boldsymbol{l_i} - \quad)! \cdot (j_i + \quad - j^{sa} - s)!} \cdot$$

$$\frac{(D - \quad)}{(D + j_i \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s \quad - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{{ik} = j^{sa} + j_s^i}^{(\quad + j_{sa} - k)} \sum_{j_{sa} \, (j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)}^{} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + \ldots)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(\ldots)!}{(D + j_\ldots \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\ldots j_i)!} +$$

$$\sum_{k=\ldots}^{D + \boldsymbol{l_s} + \ldots - \boldsymbol{l_i}} \sum_{\ldots = \ldots(\boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = j \ldots j_{sa}^{ik} - j_{sa}}^{(\ldots + j_{sa} - \ldots^{ik} + 1)} \sum_{(j^{sa} = \boldsymbol{l} \ldots_{sa} - k + 1)}^{\ldots} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \mathbb{k}}^{\ldots} \sum_{(n_{is} = \boldsymbol{n} + \mathbb{k} - j_s + 1)}^{(n_\ldots + 1)} \sum_{n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{\left(j_s + l_{ik} - j_{ik} - l_s\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_i + j_{sa} - l_{sa} - s\right)!}{\left(j^{sa} + l_i - j_i - l_{sa}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - s\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i+n-D}$$

$$\sum_{n_i=n}^{n} \sum_{n_{is}=n+\Bbbk}^{n_{is}=n+\Bbbk-1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}-j_{ik}-\Bbbk_1}$$

$$\sum_{a=n-j^{sa}+1}^{n_{sa}+j^{sa}-j_i} \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(\,\, - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{\left(j_s + l_{ik} - j_{ik} - l_s\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_i + j_{sa} - l_{sa} - s\right)!}{\left(j^{sa} + l_i - j_i - l_{sa}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - s\right)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \quad \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \quad \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \quad \sum_{j_i=}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \quad \sum_{(n_{is}=\boldsymbol{n}+\ldots+1)}^{(n_i-j_s+1)} \quad \sum_{n_{ik}=\boldsymbol{n}+\ldots+1}^{n_{is}+j_{ik}-\Bbbk_1}$$

$$\sum_{n_{sa}=\boldsymbol{n}-}^{(n_{ik}+j_{ik}-\ldots-\Bbbk_2)} \quad \sum_{}^{n_{sa}+j^{sa}-} \quad \sum_{}^{n-j_i+1}$$

$$\frac{-n_{is}-1)!}{(\ldots-2)! \cdot (\ldots-n_{is}-j_s+1)!} \cdot$$

$$\frac{(n_{is}-\ldots-\Bbbk_1-1)!}{(j_{ik}-\ldots-1)! \cdot (\ldots+j_s-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j\ldots-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+l_{sa}+s-\boldsymbol{n}-l_i-j_{sa}+2}^{D-\boldsymbol{n}+1}\;\sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\;\sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)}\;\sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\;\sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\;\sum_{n_{ik}=\boldsymbol{n}}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j_{sa}+1)}^{(n_{ik}+j_{ik}-)}\;\sum_{n_s=\boldsymbol{n}-j}^{n_{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}}\;\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)} \sum_{n_s=\quad+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} \qquad \Bbbk - \quad)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j \qquad - \boldsymbol{n} - \Bbbk \qquad j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} \qquad_a - j_s - s)!}$$

$$\frac{(\boldsymbol{l_s} - \qquad)}{(\boldsymbol{l_s} - \qquad - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\quad - \boldsymbol{l_i})!}{(D \qquad j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + \qquad \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \qquad^{ik} - 1 \leq j_{ik} \qquad^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - \quad \wedge j^{sa} + s - j_{sa} \qquad j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - \boldsymbol{j_{sa}} + \quad > \boldsymbol{l_s} \wedge \quad + j_{sa}^{ik} - j_{sa} > \quad \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge l \qquad \Bbbk > 0 \wedge$

$j_{sa} \qquad \quad - 1 \wedge j_{sa}^{ik} = \qquad - 1 \wedge j_{sa} < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \qquad j_{sa}^{ik}, \Bbbk_2, j_s \cdots, j_{sa}^i\} \wedge$

$s > \qquad s = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \quad = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-\cdots-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-\cdots-n_{sa}-\cdots)!}\cdot$$

$$\frac{(n_{sa}-\cdots-1)!}{(\cdots-j^{sa}-1)!\cdot(n_{sa}+\cdots-j_i)!}\cdot$$

$$\frac{(\cdots-n_s-1)!}{(\cdots+j_i-\cdots 1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l}\cdots j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s-\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+j_{sa}-k+1)}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - j_{ik} - j_{sa}^{ik} + 1)!}{(j_s + j_{sa}^{ik} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+2)}^{(l_i+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - \boldsymbol{n} - 1)!}{(n_s + j_i - \boldsymbol{n} - 1 - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - k - 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - k - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - l_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_s - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_s} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} \cdots)} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - \cdots - 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s} \cdots (j_{ik} - j_s \cdots + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - \cdots)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \cdots (\cdots^{sa} + j_{sa} \cdots j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i \cdots - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{\cdots + \boldsymbol{l_s} + s - \boldsymbol{n} \cdots_i} \ \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} \cdots^k - j_{sa}}^{(\boldsymbol{l_s} + j_{sa} - k)} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s}: \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$_{fz}S^{DO}_{\Rightarrow j_s, \, , \, sa, j_i} = \sum_{k=1}^{(s-\boldsymbol{n}-j_{ik}^{ik}-j_{sa}^{ik}+1)} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}}^{sa+j_{sa}^{ik}-j_{sa}}}^{-D} \sum_{(j^{sa} = \, \, +j_{sa}-D-s)} \sum_{j_i = j^{sa}+s-j_{sa}}^{(\, \, -j_{sa}-k)}$$

$$\sum_{i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i - j_s + 1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2 - j_{ik}+1}^{n_{is}+j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - \ldots\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\ldots - j_i)!} \cdot$$

$$\sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} \ldots)}^{D + \boldsymbol{l_s} + \ldots} \sum^{(\boldsymbol{l_s} \ldots + 1)} \ldots$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \ldots D}^{j^{sa} + j_{sa}^{ik} - j_{sa} \ldots} \sum_{(j^{sa} = \boldsymbol{l_s} \ldots - k + 1)}^{\ldots - k = j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}^{\ldots}$$

$$\sum_{= \boldsymbol{n} + \mathbb{k}}^{n} \sum_{(n_{is} = \boldsymbol{n} \ldots - j_s + 1)}^{\ldots n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{\ldots_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-k+1} \sum_{(j^{sa}=l_{ik}+j_{sa}-k-j_{sa}^{ik}+}^{(l_{sa}-k+1)} \sum^{j^{sa}-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_i-j_s+}^{(n_i-j_s+} \sum_{n_{ik}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n-}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2} \sum_{n_s=n-j_i+1}^{j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s -)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - _s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$D > \boldsymbol{n} < n$$

$$\sum_{k=D+l_s+s-\boldsymbol{n}-l_i+1}^{D+l_{sa}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{l_{ik}-k+1} \sum_{(j^{sa}=l_i+\boldsymbol{n}+j_{sa}-D-s)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n\ldots_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\ldots^{sa}+1)}^{(n_{ik}+j_{ik}\ldots^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-\ldots}^{n_{sa}\ldots^{sa}-j_i}$$

$$\frac{(n_i - \ldots - 1)!}{(\ldots - 2)! \cdot (\ldots - n \ldots - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} \ldots \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_\ldots - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{\ldots} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\left. \frac{(D - l_i)!}{(D + j_i - \boldsymbol{n} - l_i)! \cdot (\boldsymbol{n} - j_i)!} \right) +$$

$$\left(\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)} \right.$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s-1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \cdot (n_i-n_{is}\quad+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk\quad 1)!}{(j_{ik}-j_s-1 \quad +j_s-n\quad -j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{i}\quad-n_{sa}-1)}{(j^{sa}-j_{i}\quad1)!\cdot(\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\quad_{sa}-n_s\quad1)!}{(j_i-j^{sa}-1)\quad(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2) \cdot (n_i - n_{is} + 1)!}$$

$$\frac{(n_{is} - n_{ik} - \Bbbk - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+j_{sa}-k+1)}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{i}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \quad (n_i-n_{is} \quad +1)!}.$$

$$\frac{(n_{is}-n_{ik}-\Bbbk \quad 1)!}{(j_{ik}-j_s-1) \quad +j_s-n_{ik}-j_{ik}-\Bbbk_1)!}.$$

$$\frac{(n_{ik} \quad n_{sa}-1)}{(j^{sa}-j_{ik} \quad 1)!\cdot(\quad +j_{ik}-n_{sa}-j^{sa})!}.$$

$$\frac{(\quad _{sa}-n_s \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!}.$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}.$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}.$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}.$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}.$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}.$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+2)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{i}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i-1)}{(j_s-2)\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk-1)!}{(j_{ik}-j_s-1)!\cdot(j_s-n_{is}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)}{(j^{sa}-j_{ik}-1)!\cdot(j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s-1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i-1)!}{(j_s-2)!\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{ik}+j_s-n_{is}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{sa}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i \quad -1)}{(j_s-2 \quad \cdot (n_i-n_{is}\quad +1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\quad -1)!}{(j_{ik}-j_s-1\quad +j_s-\quad -j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n \quad -n_{sa}-\quad}{(j^{sa}-j\quad -1)!\cdot(\quad +j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\quad_{sa}-n_s\quad 1)!}{(j_i-j^{sa}-1\quad \cdot (n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(\quad_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(l_{sa}-k+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{l_i-k+1}$$

$$\sum_{n_i=\mathbf{n}+\Bbbk}^{n} \sum_{(n_{is}=\mathbf{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i - 1)}{(j_s - 2) \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk - 1)!}{(j_{ik} - j_s - 1)! \cdot (+ j_s - n - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left. \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{n} \sum_{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=\ +j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}\ \ \Bbbk-\ )!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j\quad -\boldsymbol{n}-\Bbbk\quad \ j_{sa}^s)!}\cdot$$

$$\frac{1}{(\boldsymbol{n}\ \ _a-j_s-s)!}$$

$$\frac{(\boldsymbol{l_s}-\ }{(\boldsymbol{l_s}-\ \ -k+1)!\cdot (j_s-2)!}\cdot$$

$$\frac{(\ -\boldsymbol{l_i})!}{(D\quad j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot (\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} +$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik}+1 \wedge j_s\quad ^{ik}-1 \leq j_{ik}\quad ^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} -\ \wedge j^{sa}+s-\quad j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-\quad _{sa}+\quad = \boldsymbol{l_s} \wedge\quad +j_{sa}^{ik}-j_{sa} > \quad \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge l\quad \Bbbk > 0 \wedge$

$j_{sa} \leq\quad -1 \wedge j_{sa}^{ik} =\quad -1 \wedge j_{sa} < j_{sa}^{ik}-1 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \quad j_{sa}^{ik}, \Bbbk_2, j_s\quad \cdots, j_{sa}^i\} \wedge$

$s >\quad s = s + \Bbbk \wedge$

$\Bbbk_z: z = 2\ \quad = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$${}_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n \ \ - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s \ \ - j_{i} \ - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - \ \ - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} \ \ - n_{sa} - j \ )!} \cdot$$

$$\frac{(n_{sa} \ \ - 1)!}{(\ \ j^{sa} - 1 \ \ (n_{sa} + j \ \ - j_i)!} \cdot$$

$$\frac{(\ \ n_s - 1)!}{(\ \ + j_i - n \ 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l} \ \ j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa}^{ik} - \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} \ \ j^{sa} - \boldsymbol{l}_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l}_{ik}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

$$\sum_{j_{ik}=\boldsymbol{l}_i+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l}_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l}_i+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(- 1)!}{(n_s + - \boldsymbol{n} - 1)! \cdot (- j_i)!} \cdot$$

$$\frac{(k - 1)!}{(j_s - k)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{} - \boldsymbol{l_{ik}})! \cdot (^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D-1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l}k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \qquad)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - \quad - j_{sa})!}$$

$$\frac{(\qquad)!}{(D + j \qquad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\qquad i)!} -$$

$$\sum_{k=}^{D + \boldsymbol{l_s} + s} \sum_{(\quad - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \quad \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_{ik}} - k + 1} \sum_{(j^{s} \quad k + j_{sa} - j^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{= \boldsymbol{n} + \Bbbk}^{(n_i - \quad 1)} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(\quad n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(\quad_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!}$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$D > \boldsymbol{n} < n$

$l_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \{ j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i} \} \wedge$

$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$
{}_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \left(\sum_{k=}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - l_i - j_{sa}^{ik} + 1} \right)_{(j_s = j_{ik} - \ldots + 1)}
$$

$$
\sum_{j_{ik} = \boldsymbol{l_{ik}} + \ldots}^{\boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s - 1} \sum_{(j^{sa} = \ldots + j_{sa} - D - \ldots}^{(\boldsymbol{l_{sa}} - k + 1)} \sum^{\ldots s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \ldots \Bbbk - j_s + 1)}^{(n_i - j_s)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(\ldots + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+$$

$$\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-k+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-k+1)}\sum_{j}^{sa+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n}\sum_{(n_{is}=n+\Bbbk+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=n+\Bbbk_2}^{n_{is}+j_s-n_{ik}-\Bbbk_1}$$

$$\sum_{sa=n-j}^{(n_{ik}+j_{ik}-n_{sa}-\Bbbk_2)}\sum^{n_{sa}+j^{sa}-j}_{n-j_i+1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-n-l_i-j_{sa}+1}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \cdot (n_i-n_{is}+1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk-1)!}{(j_{ik}-j_s-1) \cdots +j_s-n-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n \quad -n_{sa})}{(j^{sa}-j \quad -1)! \cdot (\quad +j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1) \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{(\quad_k+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})! \cdot \left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!} \cdot$$

$$\left. \frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} \right) +$$

$$\left(\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \right.$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(\boldsymbol{l} + \boldsymbol{l_{sa}} + j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_{sa}}+s-k-j_{sa}+2}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j\;)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\;-1)!}{(n_s + \; - \boldsymbol{n} - \; - j_i)!} \cdot$$

$$\frac{(\;k - 1)!}{(j_s - k\;)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa}\; \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j\;\boldsymbol{l}_{ik})! \cdot (\;{}^{a} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l}_i\; {}_a - \boldsymbol{l}_{sa}\; s)!}{(\; + \boldsymbol{l}_i - j_i - \boldsymbol{l}_s\;)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l}_{ik} + s - \boldsymbol{n} - \boldsymbol{l}_i - j_{sa}^{ik} + 1} \;\; \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\;)}$$

$$\sum_{j_{ik} = \boldsymbol{l}_i + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l}_{ik} - k + 1} \;\; \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l}_{sa} - k + 1)} \;\; \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l}_i - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \;\; \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \;\; \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \;\; \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - } \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1) \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} -)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot ({}_{sa} + j_{sa}^{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} -)! \cdot (j_i + - j^{sa} - s)!} \cdot$$

$$\frac{(D -)}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{=D+\boldsymbol{l_{ik}}+s - \boldsymbol{l_i} - j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+ \boldsymbol{n} - \boldsymbol{l_i} - j_{sa} - } \left(\sum_{(j_s = j_{ik} - j_{sa}^{ik}+1)}^{(\ )} \right)$$

$$\sum_{=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa} = \boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s-1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} -)} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(\quad)!}{(D + \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}} \sum_{(\boldsymbol{n}-\boldsymbol{l_i}-j_{sa})}^{(\quad)} \sum_{(\quad j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\quad+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\quad_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k\quad)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_{\quad}+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_i+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=l_{ik}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}-D)}^{\boldsymbol{l_{sa}}-k+1} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{+1}$$

$$\sum_{n_i=\boldsymbol{n}+}^{n} \sum_{n_{is}=\boldsymbol{n}+\Bbbk-1)}^{-j_s+} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}-j_{ik}-\Bbbk_1}$$

$$\sum_{a=\boldsymbol{n}-j^{sa}+1)}^{k+j_{ik}- -\Bbbk_2} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(-j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}\Bigg) -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_{ik}} - k + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{sa + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk -)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s} \Bbbk_1$$

$$\sum_{(n_{sa} = n_{ik} - j^{sa} -)}^{(\ )} \sum_{j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_s - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 3 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \quad D - \boldsymbol{n} \quad 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + \quad j_s + j_{sa} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + \quad - s \wedge j^{sa} \quad s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - k + 1 = \boldsymbol{l_{sa}} \quad j_{sa} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \quad \Bbbk = \Bbbk > 0 \wedge$

$< j^i \quad 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s} : \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s\,,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j_{sa}+1)}^{(n_{ik}+j_{ik}-\ )} \sum_{n_s=n-j_i}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(\ -n_{is}\ -1)!}{(j_s-2)!\cdot(n_i\ -n_{is}+1)!}\cdot$$

$$\frac{(\ -n_{ik}\ -\Bbbk_1-1)!}{(n_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}\ -n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\ -j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+$$

$$\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - \ldots - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + \ldots - n_{sa} - \ldots)!} \cdot$$

$$\frac{(n_{sa} - \ldots)!}{(\ldots j^{sa} - \ldots)(n_{sa} + \ldots - j_i)!} \cdot$$

$$\frac{(\ldots n_s - 1)!}{(\ldots + j_i - \ldots + 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l} \ldots j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} \ldots j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(l_i+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \ )!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\ -1)!}{(n_s + \ - \boldsymbol{n} - \ - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s\ k - 1)!}{\ _s - k\ )! \cdot (j_s - 2)!} \cdot$$

$$\cdot \ \frac{(\boldsymbol{l}_{sa} + j_{sa}\ \boldsymbol{l}_{ik} - j_{sa})}{(j_{ik} + \boldsymbol{l}_{sa} - j^s\ \boldsymbol{l}_{ik})! \cdot (\ ^a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D\ \boldsymbol{l}_i)!}{(D + \ - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{\boldsymbol{l}_s + s - \boldsymbol{n} - \boldsymbol{l}_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l}_i + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l}_s\ \ a - k} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$\qquad D > \boldsymbol{n} < n$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$

$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} \quad \sum_{k=1}^{D + \cdots - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \cdots}^{\boldsymbol{l_s} + j_{sa}^{ik} - D - s} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n})}^{D + \boldsymbol{l_s} \cdots \boldsymbol{l_i} \cdots (\boldsymbol{l_s} \cdots +1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + j_{sa}^{ik} + 1}^{\boldsymbol{l_i} + j_{sa}^{ik} - k - s + \cdots} \sum_{(j^{sa} = \cdots j_{sa} - j_{sa}^{ik})}^{\cdots} \sum_{j_i = j \cdots s - j_{sa}}^{\cdots}$$

$$\sum_{i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} \cdots - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{\cdots k + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_i}+j_{sa}^{ik}-k-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)} \sum_{j_{\;sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\;+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\;+1}^{n_{is}+j\;\;{ik}-\Bbbk_1}$$

$$\sum_{n_{sa}=\boldsymbol{n}-\;}^{(n_{ik}+j_{ik}-\;-\Bbbk_2)} \sum_{-n_{-}j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{-n_{is}-1)!}{(\;-2)! \cdot (\;-n_{is}-j_s+1)!} \cdot$$

$$\frac{(n_{is}-\;-\Bbbk_1-1)!}{(j_{ik}-\;-1)! \cdot (n\;+j_s-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j\;-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=\ +j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}\ \ \Bbbk-\ \ )!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j\ \ -n-\Bbbk-\ \ j_{sa}^s)!}\cdot$$

$$\frac{1}{(n+\ ^s-j_s-s)!}$$

$$\frac{(l_s-\ }{(l_s-\ \ -k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\ -l_i)!}{(D\ \ j_i-n-l_i)!\cdot(n-j_i)!}$$

$D \geq n < n \wedge l_s > D-n+\ $

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s\ \ ^{ik}-1 \leq j_{ik}\ \ ^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa} = j_i+j_{sa}-\ \wedge j^{sa}+s-j_{sa}\ \ j_i \leq n \wedge$

$l_{ik}-j_{sa}+\ \ = l_s \wedge l\ \ +j_{sa}^{ik}-j_{sa} > \ \ l_i+j_{sa}-s > l_{sa} \wedge$

$D \geq n < n \wedge I\ \ > 0 \wedge$

$j_{sa} \leq\ \ -1 \wedge j_{sa}^{ik} = \ \ -1 \wedge j_{sa} < j_{sa}^{ik}-1 \wedge$

$s: \{j_{sa}^s, \cdots, \ \ _{sa}^{ik}, \Bbbk_2, j_s\ \ \cdots, j_{sa}^i\} \wedge$

$s >\ \ = s+\Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge\ \ = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S^{DOSD}_{\Rightarrow j_s,j_{ik},j^{sa},j_i} = \left(\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \right.$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n - j_s + 1)} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - 1)} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa}) \cdot (n_{sa} + s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l}_s + j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} + j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\ -1)!}{(n_s + \ - \boldsymbol{n} - \ - j_i)!} \cdot$$

$$\frac{(\ k - 1)!}{(j_s - k\ )! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} - \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j^{\ } - \boldsymbol{l}_{ik})! \cdot (\ ^a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + \ - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l}_{ik}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}^{ik}+2}^{+\boldsymbol{l}_{sa}+s+\ -\boldsymbol{l}_i-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j\ =\boldsymbol{l}_s+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l}_s+j^{\ }\ } \sum_{(j^{sa}=\boldsymbol{l}_i+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l}_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - \quad_k - j_{sa})!}$$

$$\frac{(D \quad)!}{(D + j_i \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad)!} \Big) +$$

$$\Big(\sum_{=1}^{D + \boldsymbol{l_i} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}} \sum_{j_{sa}^{ik} + 1}^{(\quad)}$$

$$\sum_{j_{ik} = \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D -} \sum_{(j^s \quad \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(j_i + j_{sa} \quad 1)} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_{sa}} + s - k - j_{sa} + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{(n \quad_s + 1)} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=1}^{D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\;\;)}$$

$$\sum_{j_{ik} = l_s + n + j_{sa}^{ik} - D - 1}^{l_i + n + j_{sa}^{ik} - D - s - 1} \sum_{j_i + n - D)}^{(l_{sa} - k} \sum_{+ s - k - j_{sa} + 2}^{l_i - k}$$

$$\sum_{n_i = n + \mathbb{k}}^{n} \sum_{= n + \mathbb{k} - j}^{- j_s + 1} \sum_{n_{ik} = n + \mathbb{k}_2 - j_{ik} + 1}^{- j_{ik} - \mathbb{k}_1}$$

$$\sum_{sa = n - j^{sa} + 1)}^{+ j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_s} + j_{sa}^{ik} - k} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l_{sa}} - k + 1)} \sum^{+1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum^{(n_i - j_s + 1)} \sum_{+ \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik}}$$

$$\sum^{(n_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{j^{sa} - j_i}$$
$$\sum_{(n_{sa} = \boldsymbol{n} - j_s + 1)}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n\ \ -j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n\ \ sa+1)}^{(n_{ik}+j_{ik}-\ \ )} \sum_{n_s=n-j_i}^{\ \ sa-j_i}$$

$$\frac{(n_i-n_{is}\ \ 1)!}{(j_s\ \ 2)!\cdot(n_i\ \ \ j_s+1)!}\cdot$$

$$\frac{\ \ -n_{ik}\ \ \Bbbk_1-1)!}{(\ \ _{ik}-j_s-1)!\cdot(n_{is}+j_s\ \ n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}\ \ n_{sa}-1)!}{(j^{sa}\ \ _{ik}-1)!\cdot(\ \ _{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\ \ -j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_\cdots}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{\cdots=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-\cdots}$$

$$\frac{(n_i \cdots - 1)}{(j_s - 2 \cdots (n_i - n_{is} \cdots + 1)!} \cdot$$

$$\frac{(n_\cdots - n_{ik} - \Bbbk \cdots 1)!}{(j_{ik} - j_s - 1 \cdots j_\cdots - n_\cdots - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} \cdots n_{sa} - 1) \cdots}{(j^{sa} - j_{ik} \cdots 1)! \cdot (n_\cdots + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{\cdots_a - n_s \cdots 1)!}{(j_i - j^{sa} - 1) \cdots (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{\cdots_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}+j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\boldsymbol{l_{sa}}+j^{sa}-\boldsymbol{l_{ik}})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - \quad)!}$$

$$\frac{(l_s - k - \quad)!}{(l_s - j_s - k + 1)! \quad (\quad j_s - 2)!}$$

$$\frac{(D \quad)}{(D + j \quad \boldsymbol{n} - l_i)! \cdot (\quad j_i)!}$$

$$D \geq \boldsymbol{n} < n \wedge l_s > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j \quad + j_{sa}^{ik} \quad \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \quad \boldsymbol{l_i} + j_{sa} - s \quad _{sa} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} \quad \wedge j_{sa}^s < j_{sa}^{ik} \quad \wedge$$

$$\boldsymbol{s}: \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right.$$

$$s > 4 \quad \boldsymbol{s} = s + \Bbbk$$

$$\Bbbk \quad z = 2 \wedge \Bbbk \quad \Bbbk_1 + \Bbbk_2$$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \left(\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)} \right.$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s + \cdots - \boldsymbol{n} - 1)!}{(n_s + \cdots - \boldsymbol{n} - 1)! \cdot (\cdots - j_i)!} \cdot$$

$$\frac{(\cdots k - 1)!}{(j_s - k \cdots)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} \cdots - j^{ik}_{sa} \cdots)!}{(j_s + \boldsymbol{l_{ik}} \cdots - \boldsymbol{l_s}) \cdots (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(D \cdots \boldsymbol{l_i})!}{(D + \cdots - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + j^{ik}_{sa} - k + 1}^{\boldsymbol{l} \cdots k + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j^{ik}_{sa})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s \quad_{sa}^{ik} + 1)!}$$

$$\frac{(\quad)!}{(D + \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad j_i)!} +$$

$$\sum_{k= \; \boldsymbol{l_s}+s-\;}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}\; +1} \sum_{(\;_s+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}\; \boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{s} \; _{ik}+j_{sa}-j_{sa}^{ik})}^{} \sum_{j_i=j^{sa}+s-j_{sa}}^{}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{\boldsymbol{n}} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i \quad _s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}\right) +$$

$$\left(\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(\cdot\,=l_s+n-D)}^{\left(j_{ik}-j_{sa}^{ik}+\,\right)} \right.$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}\quad+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{}^{-k+1}{}_{-D}$$

$$\sum_{=n+\Bbbk}^{n} \sum_{(n_{is}\quad+\Bbbk-j_s+)}^{(n_i-j_s+1)} \sum_{}^{n_{is}+j_s-j_{ik}-\Bbbk}{}_{-j_{ik}+1}$$

$$\sum_{sa=n-j^{sa}+1)}^{(n_{ik}\quad-j^{sa}-\Bbbk_2)} \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(\quad2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - \quad_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j\quad s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk\ +1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2\quad +1}^{n_{is}+j_{s}\ \ ik-\Bbbk_1}$$

$$\sum_{sa=\boldsymbol{n}-j}^{(n_{ik}+j_{ik}-\quad \Bbbk_2)} \sum_{\quad -j_i+1}^{n_{sa}+j^{sa}-j}$$

$$\frac{(\quad -n_{is}-1)!}{(j\quad-2)!\cdot(\quad-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-\quad-\Bbbk_1-1)!}{(j_{ik}-j\quad 1)!\cdot(n\quad+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j\quad-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+l_s+s-n-l_i}\sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_s+j_{sa}^{ik}-k+1}^{l_{ik}-k+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)}\sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n}\sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=n_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\quad_{sa}+1)}^{(n_{ik}+j_{ik}\quad\Bbbk_2)}\sum_{n_s=n-j}^{n_{sa}\quad^{sa}-j_i}$$

$$\frac{(n_i-n\quad-1)!}{(j_s-2)!\cdot(\quad n\quad j_s+1)!}\cdot$$

$$\frac{(\quad_{is}-n_{ik}\quad\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s\quad n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}\quad n_{sa}-1)!}{(j^{s}\quad j_{ik}-1)!\cdot\quad_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\quad_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}+$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D+l_{sa}+s-n-l_i-j_{sa}+1}\sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s-1} \sum_{\left(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}\right)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \qquad -1)}{(j_s-2) \quad (n_i-n_{is} \qquad 1)!} \cdot$$

$$\frac{(n_{\quad}-n_{ik}-\Bbbk_{\quad} 1)!}{(j_{ik}-j_s-1) \quad (n_{\quad}-n_{\quad}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} \quad n_{sa}-1)}{(j^{sa}-j_{ik} \quad 1)! \cdot (n_{\quad}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(\quad -n_s \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})! \cdot \left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-k+1} \sum_{\left(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}\right)}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \; \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \; \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \; \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - \ldots - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + \ldots - n_{sa} - \ldots)!} \cdot$$

$$\frac{(n_{sa} - \ldots - 1)!}{(\ldots j^{sa} - \ldots)! \cdot (n_{sa} + \ldots - j_i)!} \cdot$$

$$\frac{(\ldots n_s - 1)!}{(\ldots + j_i - \ldots + 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} + j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j^{ik}_{sa} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \; \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \; \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\;\;\;)} \; \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \; \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \; \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-j_{sa}^{ik}+1)!}{(j_s+j_{sa}-j_{ik}-\boldsymbol{l_{ik}})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\left.\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-k}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)}\sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s}{} \cdot$$

$$\frac{(D - \boldsymbol{l})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i}) \cdot (\boldsymbol{n} - j_i)}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \cdot \boldsymbol{l_i} + j_{sa} - s \cdot \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa} \cdot 1 \wedge$

$\boldsymbol{s}: \{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_s^i \}$

$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s - 1} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)}^{(\boldsymbol{l_i} + j_{sa} - k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$D > \boldsymbol{n} < n$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s \cdots)} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1) \cdots (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\cdots k - 1)}{(\boldsymbol{l_s} - \cdots - k + \cdots - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{s} \cdots + 1)!}{(j_s + \boldsymbol{l_{ik}} - \cdots) \cdot (j_{ik} \cdots - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\cdots_a + j_{sa}^{ik} \cdots \boldsymbol{l_{ik}} - j_{sa})}{(j_{ik} + \boldsymbol{l_{sa}} - j^{s\cdots} \boldsymbol{l_{ik}})! \cdot (\cdots + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \cdots \boldsymbol{l_i})!}{(D + \cdots - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-S}^{\boldsymbol{l}\cdots_{sa}^k-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} + \cdots)} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1) \cdots (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - \cdots 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s} \cdots (j_{ik} - j_s \cdots + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - \cdots)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \cdots (\cdots_{sa} + j_{sa} \cdots j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i \cdots - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s \cdots - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l} \cdots_{sa}^{ik} - k + 1}^{\cdots - k + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l_i} + j_{sa} - k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + \dots\right)} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - \dots - j_{sa}\right)!} \cdot$$

$$\frac{(D \dots)!}{(D + j_i \dots \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\dots j_i)!} +$$

$$\sum_{k \dots + \boldsymbol{l_s} + s - \boldsymbol{n}}^{D - \boldsymbol{n} + 1} \sum_{\dots + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{\boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_{ik}} - k + 1} \sum_{(j^{sa} = \dots + j_{sa} - D - s)}^{(l_i + j_{sa} - \dots s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{\dots} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n \dots s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=}^{D+l_s+s-n-l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D}^{l_s+j_{sa}^{ik}-k} \sum_{+j_{sa}-j_s}^{} \sum_{=j^{sa}+s-j_{sa}}^{}$$

$$\sum_{n_i=n+\Bbbk\ (n}^{(n_i+1)} \sum_{n+\Bbbk-j_s+}^{} \sum_{ik=n_{is}+j_s-j_{ik}-\Bbbk_1}^{}$$

$$\sum_{=n}^{} {}_{ik-j^{sa}-\Bbbk_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i}^{}$$

$$\frac{(2 \cdot n_{is} + + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - n - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(n + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \ \ \ n \ \ \land l_s > D - n + 1 \land$

$2 \le j_s \le j \ \ s a^{ik} + 1 \land j_s + j_{sa}^{ik} - 1 \le j_{ik} \le j^{sa} + j_{sa}^{ik} - j_{sa} \land$

$j^{s} \ \ j_i + j_{sa} - s \land j^{sa} + s - j_{sa} \le j_i \le n \land$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \land l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \land l_i + j_{sa} - s > l_{sa} \land$

$D \ge n < n \land I = \Bbbk > 0 \land$

$j_{sa} \le j_{sa}^i - 1 \land j_{sa}^{ik} = j_{sa} - 1 \land j_{sa}^s < j_{sa}^{ik} - 1 \land$

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$\boldsymbol{s}: \left\{ j_{sa}^s, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$

$s > 4 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \left(\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} -}^{(j_{ik} - j_{sa}^{ik} + 1)} \right.
$$

$$
\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{l_i + \boldsymbol{n} + j_{sa}^{ik} - D - s - 1} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D}^{(l_{sa} - k + 1)} \cdots - j_{sa}
$$

$$
\sum_{n_i = \boldsymbol{n} + \mathbb{k}}^{n} \sum_{}^{(n_i - j_s +} \sum_{n_{ik} + \mathbb{k}_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik}}
$$

$$
\sum_{(n_{sa} = \boldsymbol{n} -}^{(\cdots + j_{ik} - j^{sa} - \mathbb{k}_2}} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{j^{sa} - j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - \quad)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - {}_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{{}^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j_{sa}+1)}^{(n_{ik}+j_{ik}-)} \sum_{n_s=n-j_i}^{n_{sa}-j_i}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n_i-j_s+1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(n_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-n_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(n_{sa}-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+j_{sa}^{ik}-k+1}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i-1)}{(j_s-2)\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1)!}{(j_{ik}-j_s-1)\cdots(n_{is}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=l_i+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}\right)+$$

$$\left(\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}\right.$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(j_{ik}+j_{sa}-j_{sa}^{ik}-1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (+ j^{sa} - n_s - i)!} \cdot$$

$$\frac{(n_s - 1)!}{(+ j_i - 1) \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - - j_{sa}^{ik} + 1)!}{(j_s + - j_{ik} -) \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(+ \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-S-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_{sa}}+s-k-j_{sa}+2}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (+ j^{sa} - n_s \quad i)!} \cdot$$

$$\frac{(n_s \quad 1)!}{(+ j \quad) \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s \quad k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \quad - j^{ik}_{sa} + 1)!}{(j_s + \quad - j_{ik} - \quad) \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j^{ik}_{sa} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(+ \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j^{ik}_{sa}-D-s}^{\boldsymbol{l_s}+j^{ik}_{sa}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{s} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - k - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - k)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j_{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+j_{sa}^{ik}-k+1}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk)!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-k-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-k)!\cdot\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{\left(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}}\right)!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{\left(+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}}\right)!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1}\ \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1}\ \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s-1)}\ \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\ \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - k - j^{ik}_{sa} + 1)!}{(j_s + l - j_{ik} - k)! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j^{ik}_{sa} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(l + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk\ )!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n\ -j^{sa})!}$$

$$\frac{(n_s\ -n_s-1\ )}{(j_i-j^{sa}-1)!\cdot(\ +j^{sa}-n_s\ \ i)!}\cdot$$

$$\frac{(n_s\ 1)!}{(\ +j\ -1\ (\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l}_s-k-1)!}{(\boldsymbol{l}_s-j_s\ k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l}_{ik}-\ -j_{sa}^{ik}+1)!}{(j_s+\ -j_{ik}-\ )\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(\boldsymbol{l}_{sa}+j_{sa}^{ik}-\boldsymbol{l}_{ik}-j_{sa})!}{(j_{ik}+\boldsymbol{l}_{sa}\ -j^{sa}-\boldsymbol{l}_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l}_i+j_{sa}-\boldsymbol{l}_{sa}-s)!}{(\ +\boldsymbol{l}_i-j_i-\boldsymbol{l}_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l}_i)!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l}_i)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l}_{sa}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}+2}^{D-\boldsymbol{n}+1}\ \sum_{(j_s=\boldsymbol{l}_s+\boldsymbol{n}-D)}^{(\boldsymbol{l}_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l}_{ik}+\boldsymbol{n}-D}^{\boldsymbol{l}_{ik}-k+1}\ \sum_{(j^{sa}=\boldsymbol{l}_{sa}+\boldsymbol{n}-D)}^{(\boldsymbol{l}_{sa}-k+1)}\ \sum_{j_i=\boldsymbol{l}_i+\boldsymbol{n}-D}^{\boldsymbol{l}_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\ \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(l + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s -)!}$$

$$\frac{(l_s - k -)!}{(l_s - j_s - k + 1)!\,(j_s - 2)!}$$

$$\frac{(D}{(D + j\boldsymbol{n} - l_i)! \cdot (j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j + j_{sa}^{ik} - \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \boldsymbol{l_i} + j_{sa} - s - _{sa} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} \wedge j_{sa}^s < j_{sa}^{ik} - \wedge$

$\boldsymbol{s}\colon \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{}$

$s > 4\boldsymbol{s} = s + \Bbbk$

$\Bbbkz = 2 \wedge \Bbbk\Bbbk_1 + \Bbbk_2$

$${}_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(l_i+\boldsymbol{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_i+\boldsymbol{n}+j_{sa}-D-s)}^{(l_i+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s + \ldots - \boldsymbol{n} - 1)!}{(n_s + \ldots - \boldsymbol{n} - \ldots - j_i)!} \cdot$$

$$\frac{(\ldots k - 1)!}{(\ldots j_s - k \ldots)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} - \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j^{\ldots} - \boldsymbol{l}_{ik})! \cdot (\ldots^a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \ldots \boldsymbol{l}_i)!}{(D + \ldots - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{\boldsymbol{l}_i + \ldots - j_{sa}^{ik} + 1} \sum_{(j_s = \boldsymbol{l}_i + \boldsymbol{n} - D - s + 1)}^{(\boldsymbol{l}_{ik} - k - j_{sa}^{ik} + 2)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l}_i + j_{sa} - k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j^{ik}_{sa} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j^{ik}_{sa} - \quad - j_{sa}\right)!}$$

$$\frac{(\quad)!}{(D + \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad j_i)!} +$$

$$\sum_{k = \quad \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \quad j^{ik}_{sa} + 2}^{D - \boldsymbol{n} + 1} \sum_{(j_s \quad j^{ik}_{sa} + 1)}^{(\quad \boldsymbol{l_{ik}} - k - j^{ik}_{sa} + 2)}$$

$$\sum_{j_{ik} \quad + j^{ik}_{sa} - 1}^{(\boldsymbol{l_i} + j_{sa} - \quad + 1)} \sum_{(j^{sa} = \boldsymbol{l} \quad + j_{sa} - D - s)}^{} \sum_{j_i = j^{sa} + s - j_{sa}}^{}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{(n \quad s + 1)} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (n - j_i)!} -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s = l_i + \boldsymbol{n} - D - s + 1)}^{(\boldsymbol{l_{ik}} - k - j_{sa}^{ik} + 2)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa} - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk} \sum_{(n_{is} + \Bbbk}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} - j^{sa})}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + \ldots + \Bbbk_2 - n_{ik} \ldots j_{ik} - s - \Bbbk - \Bbbk)!}{n_{is} \ldots \cdot j_s + \ldots - n_{ik} - \ldots k - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$D \geq \boldsymbol{n} \leq \ldots \wedge \boldsymbol{l_s} > D - \ldots + 1 \wedge$$

$$2 \leq j_{\ldots} \leq j_{ik} - \ldots \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{\ldots} = j_i \ldots - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + \ldots = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s} : \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$
{}_{fz}S^{DOSD}_{\Rightarrow j_s,\, j_{ik}, j^{sa}, j_i} = \Bigg(\sum_{k=1}^{D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1} \; \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_i + n - D - s)}
$$

$$
\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \; \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)}^{(l_{sa} - k + 1)} \; \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = n + \Bbbk} \; \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \; \sum_{}^{n_{is} + j_{ik} - \Bbbk_1}
$$

$$
\sum_{}^{(n_{ik} + j^{sa} - \Bbbk_2)} \; \sum_{n_{sa} + j_i}^{} \; \sum_{n_s = n - j_i + 1}
$$

$$
\frac{(n_i - n_{is})!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot
$$

$$
\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +
$$

$$
\sum_{k=1}^{D + l_{ik} + s - n - l_i - j_{sa}^{ik} + 1} \; \sum_{(j_s = l_i + n - D - s + 1)}^{(l_{ik} - k - j_{sa}^{ik} + 2)}
$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \qquad -1)}{(j_s-2 \qquad (n_i-n_{is} \qquad +1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk \qquad 1)!}{(j_{ik}-j_s-1 \qquad j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik} \qquad n_{sa}-1)}{(j^{sa}-j_{ik} \qquad 1)!\cdot(\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\quad sa-n_s \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{(\quad_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk)!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(+j^{sa}-n_s-i)!}\cdot$$

$$\frac{(n_s-1)!}{(+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}$$

$$\frac{(\boldsymbol{l}_s-k-1)!}{(\boldsymbol{l}_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l}_{sa}+j_{sa}^{ik}-\boldsymbol{l}_{ik}-j_{sa})!}{(+\boldsymbol{l}_{sa}-j^{sa}-\boldsymbol{l}_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\left.\frac{(D-\boldsymbol{l}_i)!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l}_i)!\cdot(\boldsymbol{n}-j_i)!}\right)+$$

$$\sum_{k=1}^{D+\boldsymbol{l}_{ik}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l}_{ik}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l}_i+\boldsymbol{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l}_{sa}+\boldsymbol{n}-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=\boldsymbol{l}_i+\boldsymbol{n}-D}^{\boldsymbol{l}_{sa}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s \ \ )!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\ \ _k - 1)}{(\boldsymbol{l_s} - \ \ - k + \ \ - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \ \ _{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \ \ (j^{sa} + j_s \ \ - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + \ \ - \boldsymbol{l_{sa}} - \ \ )}{(j^{sa} + \boldsymbol{l_i} \ \ - \boldsymbol{l_{sa}}) \ \ (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D \ \ \boldsymbol{l_i})!}{(D + \ \ - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+ \ \ +s-\boldsymbol{n}- \ \ _{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_i}+\boldsymbol{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_{sa}}+s-k-j_{sa}+2}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \qquad} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - \quad - j_{sa}\right)!}$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} \quad)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}} \quad (j_i + j_{sa} \quad - s)!} \cdot$$

$$\frac{(\quad \boldsymbol{l_i})!}{\quad - \boldsymbol{n} - \quad \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{=1}^{+\boldsymbol{l_{ik}}+s-\quad-j_{sa}^{ik}+1} \sum_{j_{is}=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\quad+2)}$$

$$\sum_{j \quad j_s + j_{sa}^{ik} - \quad_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l_{sa}} \quad +1)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - \ldots)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i}) \ldots}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{\ldots-\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+\ldots}^{\ldots-k-j_s+2)}$$

$$\sum_{j_{ik}=j_s+\ldots k-1 \,(j^{sa}+\ldots+\boldsymbol{n}-D)} \sum^{\ldots s-1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\ldots s-k-j_{sa}+1}$$

$$\sum_{\ldots=\boldsymbol{n}+\Bbbk \,(n_{is}=\boldsymbol{n}\ldots-j_s+1)}^{n} \sum^{\ldots-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{\ldots_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j}$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum^{(l_{ik}- \; j_{sa}^{ik}+2)}_{l_{ik}+n- \; j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum^{(l_{sa}-k}_{+n-D) \; j_i} \sum_{+s-k-j_{sa}+2}^{l_i-}$$

$$\sum_{n_i=n+} \quad \sum_{=n+\mathbb{k}-j} \quad \sum_{n_{ik}=n+\mathbb{k}_2-j_{ik}+1}^{j_{ik}-\mathbb{k}_1}$$

$$\sum_{sa=n-j^{sa}+1)}^{+j_{ik}-j^{s}-\mathbb{k}_2)} \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(_k - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k = D + \boldsymbol{l_{sa}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa} + 2}^{D - \boldsymbol{n} + 1} \sum_{(j_s = \boldsymbol{l_{ik}} + \boldsymbol{n} - D - j_{sa}^{ik} + 1)}^{(l_{ik} - k - j_{sa}^{ik} + 2)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \cdots)}^{(l_{sa} - k + 1)} \sum^{- k + 1}_{j_i = \cdots \boldsymbol{n} - D}$$

$$\sum_{n_i = \boldsymbol{n} + \mathbb{k} \cdots}^{n} \sum_{\cdots}^{(n_i - j_s + \cdots)} \sum_{n_{ik} \cdots + \mathbb{k}_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik}}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - \cdots + 1)}^{\cdots + j_{ik} - j^{sa} - \mathbb{k}_2} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - \cdots)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - \cdots_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\cdots^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{ik}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-i}$$

$$\sum_{n_i=n+\Bbbk} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j-\Bbbk_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^s}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2 -n_{ik}+j_{ik}-s-\Bbbk)!}{(2\cdot n_{is}+2j_s+\Bbbk_2-n_{ik}+j_{ik}-\Bbbk-j_{sa}^s)!}\cdot$$

$$\frac{1}{(\quad +j_{sa}^s-j_s-s)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}$$

$D \geq n < n \wedge l_s \leq D-n+1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik}+1 \wedge j_i+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa} = j_i+j_{sa}-s \wedge j^{sa}+s-i \leq j_i \leq n \wedge$

$l_{ik}-j_s+1 = l_s \wedge l_{sa}+j_{sa}^{ik}-j_{sa} > l_{ik} \wedge l_i+j_{sa}-s = l_{sa} \wedge$

$D \geq n < n \wedge i = \Bbbk > \wedge$

$j_{sa} = j_s - 1 \wedge j_{sa}^{ik} = j_{sa}-1 \wedge j_{sa}^s < j_{sa}^{ik}-1 \wedge$

$s: \{j_{sa}^s, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s: s = s+\Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$${}_{fz}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=l_s+n-D)}^{(l_i+n-D-s)}$$

458          $D > \boldsymbol{n} < n$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \quad (n_i-n_{is} \quad +1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk \quad 1)!}{(j_{ik}-j_s-1) \quad +j_s-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} \quad -n_{sa}-1)}{(j^{sa}-j_{ik} \quad 1)! \cdot (\quad +j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(\quad ik+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk)!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(+j^{sa}-n_s-i)!}\cdot$$

$$\frac{(n_s-1)!}{(+j_i-1)\cdot(\boldsymbol{n}-j_i)!}$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D-\boldsymbol{n}+1}\sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\quad k - 1)}{(\boldsymbol{l_s} - \quad - k + \quad - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \quad)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \quad (j^{sa} + j_s - j_{ik} - j_{sa})!}$$

$$\frac{(D - \boldsymbol{l_i})}{(D + j_i \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \; -$$

$$\sum_{\quad =1}^{\boldsymbol{l_s} + s - \boldsymbol{n} -} \sum_{(j_s = \boldsymbol{l_i} + \boldsymbol{n} - D - s + 1)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} \quad s + j_{sa}^{ik} - 1}^{(\quad)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s} : \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$
{}_{fz}S_{\Rightarrow j_s, \cdots, j^{sa}, j_i}^{D \cdots SD} \sum_{k=1}^{\cdots + s - \boldsymbol{n} - \cdots} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(l_i + \boldsymbol{n} - D - s)}
$$

$$
\sum_{ik = \boldsymbol{l_i} + \boldsymbol{n} \cdots k - D - s}^{\cdots + j_{sa}^{ik} - k - s + 1} \sum_{(j^{sa} = \cdots + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}
$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-s+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}}^{\boldsymbol{l_i}+j_{sa}^{ik}-k-s+1} \sum_{sa=j_{ik}+j_{sa}-} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1-} \sum_{n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1}^{j_{ik}-\mathbb{k}_1}$$

$$\sum_{sa=\boldsymbol{n}-j^{sa}+1)}^{+j_{ik}-\mathbb{k}_2} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(- j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D-n+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_i+j_{sa}^{ik}-k-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n\ -j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\ sa+1)}^{(n_{ik}+j_{ik}\ )} \sum_{n_s=n-j}^{\ sa-j_i}$$

$$\frac{(n_i-n_{\ }-1)!}{(j_s-2)!\cdot(\ -n\ +j_s+1)!}\cdot$$

$$\frac{(\ -n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\ -j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}-$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{}$$

464    $D > \boldsymbol{n} < n$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)} \cdot$$

$$\frac{(\; j_{sa}^s - s)!}{} \cdot$$

$$\frac{(\; - k - 1)!}{(\boldsymbol{l_s} - j_s - + 1)! \cdot (j_s -\;)!} \cdot$$

$$\frac{(D -)!}{(D - j_i - \boldsymbol{n} - n - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} < j^{sa} + j_{sa}^{ik} - \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_i - j_{sa} > \boldsymbol{l_{ik}} \wedge + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{ik} - 1 \wedge j_{sa}^{ik} < j_{ik} - 1 \wedge j_{sa}^s < j_s \wedge \wedge$

$\boldsymbol{s} \colon \{j_{sa}^s, \cdots, \Bbbk_1, j_s, \Bbbk_2, j_{sa}, j_{sa}^i\} \wedge$

$s > \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\wedge_z \colon z = z \wedge \Bbbk = \Bbbk_1 + \Bbbk \Rightarrow$

$${}_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \left(\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+\boldsymbol{n}-D-s)} \right.$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk)!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}$$

$$\frac{(\boldsymbol{l}_s-k-1)!}{(\boldsymbol{l}_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l}_{sa}+j_{sa}^{ik}-\boldsymbol{l}_{ik}-j_{sa})!}{(+\boldsymbol{l}_{sa}-j^{sa}-\boldsymbol{l}_{ik})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l}_i)!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l}_i)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l}_{ik}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l}_i+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l}_s-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l}_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s \ )!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\ \ k - 1)}{(\boldsymbol{l_s} - \ - k + \ \ - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \ \ )!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \ \ (j^{sa} + j_{\ } - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \ \ )}{(D + j_{\ } - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+\ \boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D+\boldsymbol{l_s}+\ -\boldsymbol{n}-\boldsymbol{l_i}-j_s\ \ 1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\ \ j_{sa}^{ik}-1}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - \ )} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\ - j_i)!} \Bigg)$$

$$\Bigg(\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - } \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n}}^{(\boldsymbol{l_i} + \ D - s)}$$

$$\sum_{j_{ik} = j_s + \ - 1}^{(\ s - 1)} \sum_{(j^{sa} = \ + \boldsymbol{n} - D)}^{\ s - k - j_{sa} + 1} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}$$

$$\sum_{= \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} \ - j_s + 1)}^{\ j - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{\ ik + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum_{(j_s \qquad + \boldsymbol{n} - D)}^{\qquad + \boldsymbol{n} - D - s)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(\boldsymbol{l_{sa}} - k\quad)} \sum_{(\quad - \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{\qquad} \sum_{j \quad + s - k - j_{sa} + 2}^{\boldsymbol{l_i}}$$

$$\sum_{n_i = \boldsymbol{n} + \quad}^{n} \sum_{n_{is} = \boldsymbol{n} + \mathbb{k}\quad 1)}^{\quad - j_s + \quad} \sum_{n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1}^{\quad - j_{ik} - \mathbb{k}_1}$$

$$\sum_{a = \boldsymbol{n} - j^{sa} + 1)}^{\quad + j_{ik} - j \quad - \mathbb{k}_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(\quad - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{D+l_{ik}+s-n-l_i-j_{sa}^{ik}+1} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-k+1)} \sum_{j_i=}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+}^{(n_i-j_s+1)} \sum_{n_{ik}=n+}^{n_{is}+j}{}_{ik}-\Bbbk_1$$

$$\sum_{(n_{sa}=n-}^{(n_{ik}+j_{ik}-}{}_{\Bbbk_2)} \sum_{}^{n_{sa}+j^{sa}-}{}_{n-j_i+1}$$

$$\frac{-n_{is}-1)!}{(\quad-2)! \cdot (\quad-n_{is}-j_s+1)!} \cdot$$

$$\frac{(n_{is}-\quad-\Bbbk_1-1)!}{(j_{ik}-\quad-1)! \cdot (n\quad+j_s-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j\quad-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{\left(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa}\right)!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot \left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!} \cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$\quad D > \boldsymbol{n} < n$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_{sa}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}_{i}-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=n-j_{sa}+1)}^{(n_{ik}+j_{ik}-\Bbbk)} \sum_{n_s=\boldsymbol{n}-j_i}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}+j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}+\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}+j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa}\right)!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-\boldsymbol{n}-l_i)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D+l_{sa}+s-n-l_i-j_{sa}+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_{sa}}+s-k-j_{sa}+2}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i-1)}{(j_s-2)!\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa}\right)!}{(_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_{i}+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - \ldots - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + \ldots - n_{sa} - j \ldots)!} \cdot$$

$$\frac{(n_{sa} - \ldots - 1)!}{(\ldots j^{sa} - \ldots)! \cdot (n_{sa} + \ldots - j_i)!} \cdot$$

$$\frac{(\ldots n_s - 1)!}{(\ldots + j_i - \ldots + 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l} \ldots j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} \ldots j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s -)!}$$

$$\frac{(l_s - k -)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D)!}{(D + j \boldsymbol{n} - l_i)! \cdot (j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{} + j_{sa}^{ik} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \boldsymbol{l_i} + j_{sa} - s > _{sa} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} \wedge j_{sa}^s < j_{sa}^{ik} - \wedge$

$\boldsymbol{s} : \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{} \}$

$s > 4 \boldsymbol{s} = s + \Bbbk$

$\Bbbk z = 2 \wedge \Bbbk \Bbbk_1 + \Bbbk_2$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \left(\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(l_i+\boldsymbol{n}-D-s)} \right.$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{l_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\quad - 1)!}{(n_s + \quad - \boldsymbol{n} - 1 \quad - j_i)!} \cdot$$

$$\frac{(\quad k - 1)!}{(j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} \quad - j_{sa}^{ik} \quad)!}{(j_s + \boldsymbol{l_{ik}} \quad - \boldsymbol{l_s}) \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D \quad \boldsymbol{l_i})!}{(D + \quad - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \quad s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_i} + \boldsymbol{n} - D - s + 1)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{\quad - k + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s \quad {}_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(\quad)!}{(D + j \quad \boldsymbol{n} - \boldsymbol{l_i})! \quad (\quad j_i)!} +$$

$$\sum_{k = \quad \boldsymbol{l_s}+s-\quad}^{D + \boldsymbol{l_{sa}} + s - \boldsymbol{n} - \boldsymbol{l_i} \quad + 1} \sum_{(\quad + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} \quad \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_{ik}} - k + 1} \sum_{(j^s \quad _{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_{i} \quad + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{\left(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s}\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\left.\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}\right) +$$

$$\left(\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i} \sum_{(j_i = \boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j^{ik})}\right.$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j_i + j_{sa}^{ik} - s - 1} \sum_{(j^{sa}=j_{ik}-j_{sa}^{ik})}^{(\ )} \sum_{j_i}^{\boldsymbol{l_{ik}}+s-j_{sa}^{ik}+1}$$

$$\sum_{=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}+\Bbbk-j_s+\ )}^{(n_i-j_s+1)} \sum_{}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(\quad=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}\quad-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(\ \quad 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - \quad_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{\left(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s}\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s = l_s + n - D)}^{(l_{ik}+n-D-j_{sa}^{ik})}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=l_{ik}+-k-j_{sa}^{ik}+2}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n++1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n+\Bbbk_2+1}^{n_{is}+j_{ik}-\Bbbk_1}$$

$$\sum_{n_{sa}=n-j}^{(n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{ - n_{is} - 1)!}{(- 2)! \cdot (- n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - - \Bbbk_1 - 1)!}{(j_{ik} - - 1)! \cdot (n + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}}^{(n_{ik}+j_{ik}}} \sum_{n_s=\boldsymbol{n}-j_i}^{n_{sa}-j_i}$$

$$\frac{(\ -n_{is}\ 1)!}{(j_s\ 2)!\cdot(n_i\ \ _s+1)!}\cdot$$

$$\frac{\ -n_{ik}\ \Bbbk_1-1)!}{(n_{ik}-j_s-1)!\ n_{is}+j_s\ n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}\ n_{sa}-1)!}{(j^{sa}\ _{ik}-1)!\ n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\ -j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=l_{ik}+s-k-j_{sa}^{ik}+2}^{l_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)}{(j_s-2 \quad (n_i-n_{is} \quad +1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk \quad 1)!}{(j_{ik}-j_s-1 \quad j_s-n_\quad-j_{ik}-\Bbbk_1)!}$$

$$\frac{(n_{ik} \quad n_{sa}-1)}{(j^{sa}-j_{ik} \quad 1)!\cdot(\quad +j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\quad_{sa}-n_s \quad 1)!}{(j_i-j^{sa}-1 \quad (n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i+1}^{D+l_{sa}+s-\boldsymbol{n}-l_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{l_{ik}+s-k-j_{sa}^{ik}+1}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{ik} - \boldsymbol{l}_s - j_{sa}^{ik} + 1)!}{(j_s - \boldsymbol{l}_{ik} - j_{ik} - \boldsymbol{l}_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l}_i + j_{sa} - \boldsymbol{l}_{sa} - s)!}{(j^{sa} + \boldsymbol{l}_i - j_i - \boldsymbol{l}_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l}_s+s-\boldsymbol{n}-\boldsymbol{l}_i+1}^{D+\boldsymbol{l}_{sa}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}+1} \sum_{(j_s=\boldsymbol{l}_s+\boldsymbol{n}-D)}^{(\boldsymbol{l}_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l}_{ik}+\boldsymbol{n}-D}^{\boldsymbol{l}_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=\boldsymbol{l}_{ik}+s-k-j_{sa}^{ik}+2}^{\boldsymbol{l}_i-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_s-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-k-j_{sa}^{ik}+1)!}{(j_s+k-j_{ik}-l+1)\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l_{sa}}-s)!}{(j^{sa}+\boldsymbol{l_i}-j_i-\boldsymbol{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-k+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - \boldsymbol{n} - 1)!}{(n_s + \boldsymbol{k} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} + j_s - j_{sa}^{ik} - 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j_{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_s})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \quad \sum_{(j_s = \boldsymbol{l_i} + \boldsymbol{n} - D - s + 1)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \mathbb{k}} \sum_{(n_{is} = \boldsymbol{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}^{n}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \mathbb{k})!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \mathbb{k} - \mathbb{k} - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D \geq n < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s : \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s > 4 \wedge s = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$\varepsilon_Z S^D_{\Rightarrow j_s} \qquad _{jsa} \qquad \qquad \sum_{k=1}^{+l_s+s-n-l_i} \sum_{(j_s = l_s + n - D)}^{(l_i + n - D - s)}$$

$$\sum_{=1 \quad +j_{sa}^{ik}-D-s}^{l_{ik} \quad +1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(l_i + j_{sa} - k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \cdots)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s \cdots_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \cdots \right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdots \left(\cdots_{sa} + j_{sa}^{ik} - j_{ik} \cdots_{sa}\right)!} \cdot$$

$$\frac{(D \cdots \boldsymbol{l_i})!}{\cdots + j \cdots \boldsymbol{n} - \boldsymbol{l_i} \cdots \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{k \cdots}^{\cdots + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \cdots} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{\cdots - D - s}$$

$$\sum_{j_{ik} \cdots + \boldsymbol{n} - D}^{\boldsymbol{l_i} + \boldsymbol{n} + j \cdots - D - s - 1} \sum_{\cdots + \boldsymbol{n} + j_{sa} - D - s}^{(\boldsymbol{l_i} + j \cdots - k - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{}\,)!} \cdot$$

$$\frac{(D - l_i)}{(D + j_i - n - l_i)! \cdot (\,n - j_i)!}$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_i+n-D-s\,)}^{(l_s-k\,)}$$

$$\sum_{j_{ik}=j_s+\,\,1}^{l_{ik}-k+1} \sum_{(j^{sa}=j\,\,_{sa}-j_{sa}^{ik})}^{\,k-s+1} \sum_{j_i=j\,+s-j_{sa}}^{\,}$$

$$\sum_{=n+\Bbbk\,(n_{is}=n\,\,-j_s+1)}^{n\,\,(n_i-j_s+1)} \sum \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{ik+j_{ik}-j^{sa}-\Bbbk_2} \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D}^{(\boldsymbol{l_i}+j_{sa}-k-s+1)} \sum^{-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+}^{n} \sum_{}^{(n_i-j_s} \sum_{n_i+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=\boldsymbol{n}}^{+j_{ik}-j^{sa}} \sum_{n_s=\boldsymbol{n}-j_i+1}^{j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s -)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - n_{is} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-\ \Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^s}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 \qquad j_{ik} - s \qquad \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \quad s + \Bbbk_2 - n_{ik} \quad j_{ik} \qquad \Bbbk \quad \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{\quad + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s \quad j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s \quad D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} \quad j_{sa}^{ik} + \quad j_s + j_{sa}^{ik} - 1 \leq j_{sa} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - \quad j^{sa} + \quad j_{sa} \quad j_i \leq n \wedge$

$l_{ik} - j_s + 1 > l_s \wedge l_s \quad + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$

$D \geq n < n \quad l = \Bbbk > \quad \wedge$

$j_{sa} \quad _s \quad - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s: \{j_{sa}^s, \cdots, \quad j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$\quad = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \left(\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(l_i+n-D-s)} \right.$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \quad (n_i-n_{is} \quad +1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk \quad 1)!}{(j_{ik}-j_s-1 \qquad + j_s - n_{\quad} - j_{ik} - \Bbbk_1)!}$$

$$\frac{(n_{\quad}-n_{sa}-1)}{(j^{sa}-j_{\quad}-1)! \cdot (\quad + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(\quad_{sa} - n_s \quad 1)!}{(j_i - j^{sa} - 1) \quad (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+\boldsymbol{n}-D-s)}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - k - j_{sa}^{ik} + 1)!}{(j_s + k - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(- 1)!}{(n_s + - \boldsymbol{n} - 1) - j_i)!} \cdot$$

$$\frac{(k - 1)!}{(j_s - k - 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} + - j^{ik}_{sa} +)!}{(j_s + \boldsymbol{l_{ik}} - - \boldsymbol{l_s}) \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{} - \boldsymbol{l_{ik}} -)!}{(j_{ik} + \boldsymbol{l_{}} - j^{sa} - \boldsymbol{l_{ik}}) \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) +$$

$$\left(\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_i} + \boldsymbol{n} - D - s)} \right.$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_i} + \boldsymbol{n} + j^{ik}_{sa} - D - s - 1} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s - 1)} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} -)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} -)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa})! \cdot ({}_{sa} + j_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_s - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - - \boldsymbol{l_{sa}})! \cdot (_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_i} + \boldsymbol{n} - D - s)}$$

$$\sum_{{}_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{+ j_{sa}^{ik} - s - 1} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s \quad j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \quad)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (\quad_{sa} + j_{sa}^{ik} - j_{ik} \quad_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l} + j_{sa} - \boldsymbol{l_{sa}} \quad s)!}{(j^{sa} + \boldsymbol{l_i} - j \quad_{sa}) \cdot (j_i + j_s - j^{sa} - s)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s \quad - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_i} + \boldsymbol{n} - D - s)}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} \quad -D - s}^{\boldsymbol{l_{ik}} \quad +1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$D > \boldsymbol{n} < n$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + \right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}})!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}}) \cdot (j_i + j_{sa} -)!} \cdot$$

$$\frac{(D \quad \boldsymbol{l_i})!}{+ j \quad \boldsymbol{n} - \boldsymbol{l_i} \quad (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{k=1}^{D + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{i_s = \boldsymbol{l_i} + \boldsymbol{n} - D - s + 1}^{}$$

$$\sum_{j \quad {}_s + j_{sa}^{ik} - \quad {}_{ik} + j_{sa} - j_{sa}^{ik})}^{k+1} \sum_{}^{(\boldsymbol{l_{sa}} +1)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\boldsymbol{l_i} - k + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - l_{sa} - s)!} \cdot$$

$$\frac{(D \cdots)!}{(D + j_i \cdots n - l_i)! \cdot (\cdots j_i)!} +$$

$$\sum_{k=\cdots l_s+s-n-l_i}^{D+l_{sa}+s-n-l_i\cdots+1} \sum_{\cdots+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}\cdots} \sum_{\cdots sa=l_{sa}+n-D)}^{(l_i+n\cdots-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-k+1}$$

$$\sum_{n_i=n+\Bbbk \ (n_{is}=n+\Bbbk-j_s+1)}^{n \qquad (n\cdots_s+1)} \sum_{n_{ik}=n+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=n-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{\left(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s}\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{\left(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}}\right)! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s\right)!}{\left(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}}\right)! \cdot \left(j_i + j_{sa} - j^{sa} - \right)!}$$

$$\frac{(D - \boldsymbol{l_i})}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (- j_i)!}$$

$$\sum_{k=D+\boldsymbol{l_s}+s- +1}^{D+\boldsymbol{l_{sa}}+s-\boldsymbol{n}-\boldsymbol{l_i}-} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-}^{(\boldsymbol{l_s} +1)}$$

$$\sum_{ik=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{sa=\boldsymbol{l_i}+\boldsymbol{n}+ -D-s)}^{ } \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-k+1}$$

$$\sum_{=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n} -j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{k+j_{ik}-j^{sa}-\Bbbk_2} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{\left(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s}\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - \ldots)!}$$

$$\sum_{k = D + l_{sa} + s - n - l \ldots j_{sa} + 2}^{D - n + 1} \sum_{(j_s \ldots + n - D)}^{(l_s - k + 1)}$$

$$\sum_{j_{ik} = l \ldots n - D}^{l_{ik} - k + 1} \sum_{(j^{sa} = l_{sa} \ldots - D)}^{(l_{sa} - k + 1)} \sum_{j_i = l_i + n - D}^{\ldots - 1}$$

$$\sum_{n_i = n \ldots}^{n} \sum_{(n_{is} = n + \mathbb{k} \ldots + 1)}^{\ldots - j_s} \sum_{n_{ik} = n + \mathbb{k}_2 - j_{ik} + 1}^{n_{is} \ldots - j_{ik} - \mathbb{k}_1}$$

$$\sum_{\ldots a = n - j^{sa} + 1)}^{\ldots ik + j_{ik} - \ldots \mathbb{k}_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(\ldots - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_{sa}} - s)!}{(j^{sa} + \boldsymbol{l_i} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left. \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s=l_i+\boldsymbol{n}-D-s+1)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa})}^{(\ )} \sum_{=j^{sa}-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(}^{(n_i-j_s+1)} \sum_{n_{ik}=+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=+j_{ik}-j^{s}}^{} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(\ 2 \cdot j_s + - n_{ik} - k - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} \quad n \wedge \boldsymbol{l_s} > D - \quad + 1 \wedge$

$2 \leq j_s \leq j_{ik} \quad {}^{ik} + 1 \quad j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{s} \quad j_i \quad j_{ca} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + \quad = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \quad \boldsymbol{n} \quad n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$$\Bbbk_z: z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+l_{ik}+s-n-l_i-j^{ik}_{sa}+1} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{ik}+s-k-j^{ik}_{sa}+1}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{\ldots+\Bbbk_2}^{n_{is}+\ldots j_{ik}-\Bbbk_1} \ldots j_{ik}+1$$

$$\sum_{\ldots-j^{sa}+\ldots}^{(n_{ik}+\ldots j^{sa}-\Bbbk_2)} \sum_{n_s=n-j_i+1}^{n_{sa}+j\ldots j_i}$$

$$\frac{(n_i - n_{is}\ldots}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!} \cdot$$

$$\frac{(n_{is}-\ldots_{ik}-\Bbbk_1\ldots1)!}{(j_{ik}\ldots j_s-1)!\cdot(n_\ldots+j_s-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n\ldots-n_{sa}-1)!}{(\ldots^{a}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\ldots_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j^{ik}_{sa}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!} +$$

$$\sum_{k=1}^{D+l_{ik}+s-n-l_i-j^{ik}_{sa}+1} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\quad)}$$

500 $\qquad$ $D > \boldsymbol{n} < n$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{l_{ik}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+2}^{l_{sa}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)!\cdot(n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk - 1)!}{(j_{ik} - j_s - 1)!\cdot(n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)!\cdot(n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)!\cdot(n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)!\cdot(\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)!\cdot(j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})!\cdot(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})!\cdot(\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{l_{ik}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{l_{sa}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(l + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s = j_{ik} - j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$\qquad D > \boldsymbol{n} < n$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} \qquad)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \} \wedge$

$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$S_{\Rightarrow j_s, j_{ik}, j^s}^{DOSD} = \sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\quad)} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{\boldsymbol{l_s} + s - k}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} \cdots)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1) \cdots (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \cdots)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \cdots_{sa} + j_{sa}^{ik} - \cdots j_{sa})!} \cdot$$

$$\frac{(\cdots \boldsymbol{l_i})!}{\cdots \boldsymbol{n} \cdots ! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + \cdots \boldsymbol{l_i} - j_{sa}^{ik} + 1} \quad \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = \cdots \boldsymbol{n} + j_{sa}^{ik} - \cdots}^{\cdots _{sa}^{ik} - k} \quad \sum_{\cdots = j_i + j_{sa} - s}^{\cdots} \quad \sum_{j_i = \boldsymbol{l_s} + s - k + 1}^{\boldsymbol{l_{sa}} + s - k - j_{sa} + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \quad \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \quad \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \quad \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} -)!}$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{i}+j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum^{(\ )} \sum_{\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{sa}}+s-}$$

$$\sum_{n_i=\boldsymbol{n}+}^{n} \sum_{n_s=\boldsymbol{n}+\Bbbk-}^{()} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{j_{ik}-\Bbbk_1}$$

$$\sum_{sa=\boldsymbol{n}-j^{sa}+1)}^{+j_{ik}-j^{sa}-\Bbbk_2} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(-j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=l_{sa}+n+s-D-i}^{l_s+s-k}$$

$$\sum_{n_i=n+\Bbbk\,(n_{is}=n+\Bbbk-j_s+1)}^{n} \sum_{n_{ik}=n_{is}-j_{ik}-\Bbbk_1}^{(n_i-j_s+1)}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-\quad_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{s}}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2 \quad\quad j_{ik}-s\quad k-\Bbbk)!}{(2\cdot n_{is}+2\quad_s+\Bbbk_2-n_{ik}\quad j_{ik}\quad\quad k-j_{sa}^s)!}\cdot$$

$$\frac{1}{\quad\quad +j_{sa}^s-j_s-s)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s\quad j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}$$

$D \geq n < n \wedge l_s \quad D-n+1 \wedge$

$2 \quad j_s \leq j_{ik} \quad j_{sa}^{ik}+1 \quad j_i+j_{sa}^{ik}-1 \leq j_{xx} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-s \quad j^{sa}+s \quad j_{sa} \quad j_i \leq n \wedge$

$l_{ik}-j_s+1 > l_s \wedge l_{s}\quad+j_{sa}^{ik}-j_{sa}=l_{ik} \wedge l_i+j_{sa}-s=l_{sa} \wedge$

$D \geq n < n \quad l=\Bbbk > \quad \wedge$

$j_{sa}\quad j_s\quad-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^s < j_{sa}^{ik}-1 \wedge$

$s:\{j_{sa}^s,\cdots,\quad\quad j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^i\} \wedge$

$s\quad\quad s=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2 \Rightarrow$

$${}_{fz}S^{DOSD}_{\Rightarrow j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_s}+s-k}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \quad (n_i-n_{is} \quad +1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk \quad 1)!}{(j_{ik}-j_s-1) \quad +j_s-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (\quad +j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )} \sum_{j_i=\boldsymbol{l_s}+s-k+1}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (+ j^{sa} - n_s -)!} \cdot$$

$$\frac{(n_s - 1)!}{(+ j -) \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - - j_{sa}^{ik} + 1)!}{(j_s + - j_{ik} -) \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(l_s - k - 1)!}{(\boldsymbol{l_s} - k + 1)! \cdot (\qquad - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_s + 1)!}{(j_s + \boldsymbol{l_{ik}} - \qquad)! \cdot (j_{ik} - \qquad - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = j^{sa} - \boldsymbol{l_k} - j_{sa} \,(j^{sa} = j_i + j_{sa} - s)}^{(\quad)} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{\boldsymbol{l_s} + s - k}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!}$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s}: \{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \} \wedge$$

$$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$_{fz}S_{\Rightarrow j_s \cdots, j^{sa}, j_i}^{D \cdots D} \sum_{k=1}^{s-n-\cdots(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}$$

$$\sum_{j_{ik} = l_{ik} \cdots - D}^{\cdots sa + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j \cdots_{sa} - s)} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{\boldsymbol{l_s} + s - k}$$

$$\sum_{i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{\cdots(j_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n})}^{D + \boldsymbol{l_s} + \ldots} \sum^{(\boldsymbol{l_s} + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \ldots - D}^{j^{sa} + j_{sa}^{ik} - \ldots} \sum_{(j^{sa} = \ldots j_{sa} - s)} \sum_{j_i = \boldsymbol{l_s} + s - k + 1}^{\ldots s - k - j_{sa}^{ik} + 1}$$

$$\sum_{=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}\ldots -j_s+1)}^{\ldots(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2 - j_{ik}+1}^{n_{is}+j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{\ldots_{ik}+j_{ik}-j^{sa}-\Bbbk_2} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s = l_s + n - D)}^{(l_s - k + 1)}$$

$$\sum_{j_{ik} = l_{ik} + n - D}^{l_{ik} - k + 1} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{}^{l_{sa} + s - j_{sa} + 1}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{}^{(n_i - j_s +)} \sum_{n_{ik}}^{n_{is} + j_s - j_{ik}}$$

$$\sum_{(n_{sa} = n - + 1)}^{} \sum_{n_s = n - j_i + 1}^{j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s -)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - {}_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{({}^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa}\right)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

512    $D > \boldsymbol{n} < n$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{l_{ik}-k+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j}^{l_{sa}+s-k-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{i2}-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\ jsa+1)}^{(n_{ik}+j_{ik}\ \cdots\ \Bbbk_2)} \sum_{n_s=\boldsymbol{n}-\ 1}^{n_{sa}\ jsa-j_i}$$

$$\frac{(n_i - n_i - 1)!}{(j_s - 2)! \cdot (\ n_i - n \ - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\;\;)} \sum_{j_i=l_{sa}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_s}+s-k}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\;\;)} \sum_{n_s=\;\;+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}\;\;\;\Bbbk-\;\;)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j\;\;\;-\boldsymbol{n}-\Bbbk\;\;\;\;\;\;j_{sa}^s)!}\cdot$$

$$\frac{1}{(\boldsymbol{n}\;\;\;\;_a-j_s-s)!}$$

$$\frac{(\boldsymbol{l_s}-\;\;)}{(\boldsymbol{l_s}-\;\;-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\;\;-\boldsymbol{l_i})!}{(D\;\;\;j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} +\;\;\;\;$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s\;\;\;^{ik}-1 \leq j_{ik}\;\;\;^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j^{sa}=j_i+j_{sa}-\;\;\wedge j^{sa}+s-j_{sa}\;\;j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-\;\;_{sa}+\;\;=\boldsymbol{l_s} \wedge\;\;+j_{sa}^{ik}-j_{sa} >\;\;\;\;\boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge l\;\;\Bbbk > 0 \wedge$

$j_{sa}\;\;_i-1 \wedge j_{sa}^{ik}=\;\;-1 \wedge j_{sa} < j_{sa}^{ik}-1 \wedge$

$\boldsymbol{s}:\{j_{sa}^s,\cdots,\;\;,j_{sa}^{ik},\Bbbk_2,j_s\;\;\cdots,j_{sa}^i\} \wedge$

$s >\;\;\;\;s=s+\Bbbk\;\;$

$\Bbbk_z:z=2\;\;\;\;=\Bbbk_1+\Bbbk_2 \Rightarrow$

$$_{fz}S^{DOSD}_{\Rightarrow j_s,j_{ik},j^{sa},j_i} = \sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\;\;)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s + j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l}_{sa} + j_{sa}^{ik} - \boldsymbol{l}_{ik} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l}_{sa} + j^{sa} - \boldsymbol{l}_{ik})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l}_{ik}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}^{ik}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l}_{ik}+\boldsymbol{n}-D}^{\boldsymbol{l}_{ik}-k+1} \sum_{(j^{sa}=\boldsymbol{l}_{ik}+j_{sa}-k-j_{sa}^{ik}+2)}^{(\boldsymbol{l}_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \text{ })!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{\text{ } - 1)!}{(n_s + \text{ } - \boldsymbol{n} - \text{ } - j_i)!} \cdot$$

$$\frac{(\text{ } k - 1)!}{\text{ } j_s - k \text{ })! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa} \quad \boldsymbol{l_{ik}} - j_{sa})}{(j_{ik} + \boldsymbol{l_{sa}} - j^{\text{ }} \quad \boldsymbol{l_{ik}})! \cdot (\text{ }^a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \quad \boldsymbol{l_i})!}{(D + \text{ } - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k = D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 2} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_{ik}} - k + 1} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - \quad - j_{sa})!} \cdot$$

$$\frac{(\quad)!}{(D + j \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad j_i)!} -$$

$$\sum_{k=}^{D + \boldsymbol{l_s} + s - } \sum_{\quad - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} \quad sa + j_{sa}^{ik} - j_{sa}}^{(\boldsymbol{l_{ik}} + j_{sa} \quad j_{sa}^{ik} + 1)} \sum_{(j \quad \boldsymbol{l_{sa}} + \boldsymbol{n} - D)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{= \boldsymbol{n} + \Bbbk \; (n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(\quad n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(\quad n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$$l_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s}: \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$
{}_{fz}S^{DOSD}_{\Rightarrow j_s,\, j_{ik}, j^{sa}, j_i} = \sum_{k=\ }^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - l_i - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik}-\ +1)}
$$

$$
\sum_{j_{ik} = \boldsymbol{l_s}+\ ^{ik}-D-1}^{j^{sa} + j_{sa}^{ik} - j_\ } \sum_{a = \boldsymbol{l_{sa}}+\boldsymbol{n}-\ }^{(\boldsymbol{l_s} + j_{sa} -)} \sum_{\ }^{s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \ \Bbbk - j_s + 1)}^{(n_i - j_s)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(\ + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}
$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\boldsymbol{l_s} + j_{sa}^{ik} - k} \sum_{(j^{sa} = \boldsymbol{l_s} + j_{sa} - k + 1)}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i}^{\ldots a + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \mathbb{k}}^{n} \sum_{(n_{is} = \boldsymbol{n} + \mathbb{k}\ldots + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \mathbb{k_2} \ldots + 1}^{n_{is} + j_{s} \ldots k - \mathbb{k_1}}$$

$$\sum_{\ldots sa = \boldsymbol{n} - j^{\ldots}}^{(n_{ik} + j_{ik} - \ldots \mathbb{k_2})} \sum^{n_{sa} + j^{sa} - j\ldots}_{\ldots - j_i + 1}$$

$$\frac{(\ldots - n_{is} - 1)!}{(j \ldots 2)! \cdot (\ldots n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n \ldots - \mathbb{k_1} - 1)!}{(\ldots_{ik} - j \ldots 1)! \cdot (n \ldots + j_s - n_{ik} - j_{ik} - \mathbb{k_1})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j \ldots - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k = D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 2}^{D - \boldsymbol{n} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-k} \ \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-k+1)} \ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \ \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \ \sum_{n_{ik}=n+\Bbbk_2-j_{ik}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \ \sum_{=n-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i\ \ -1)!}{(j_s-2)!\cdot(n_i-n_{is}\ \ \ \ +1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1\ \ +1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}\ \ +1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s\ -1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa}\right)!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})!\cdot\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}\ -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-k)} \ \sum_{(j^{sa}=l_{sa}+n-D)} \ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \ \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \mathbb{k})!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \mathbb{k} - \mathbb{k} - j^s_{sa})!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j^s_{sa} - j_s -)!}$$

$$\frac{(\boldsymbol{l_s} - k -)!}{(\boldsymbol{l_s} - j_s - k + 1)! \quad j_s - 2)!}$$

$$\frac{(D \quad)}{(D + j \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (n \quad j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j \quad + j^{ik}_{sa} - \quad \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \quad \boldsymbol{l_i} + j_{sa} - s \quad \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$j_{sa} \leq j^i_{sa} - 1 \wedge j^{ik}_{sa} = j_{sa} \quad \wedge j^s_{sa} < j^{ik}_{sa} - \quad \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, j^i_{sa} \quad \}$

$s > 4 \quad \boldsymbol{s} = s + \mathbb{k}$

$\mathbb{k} \quad z = 2 \wedge \mathbb{k} \quad \mathbb{k}_1 + \mathbb{k}_2$

$$_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(- 1)!}{(n_s + - \boldsymbol{n} - 1)\cdot(- j_i)!} \cdot$$

$$\frac{(k - 1)!}{(_s - k)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - j_{sa}^{ik})!}{(j_s + \boldsymbol{l_{ik}}) \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \quad \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \quad \sum_{(j^{sa} = \boldsymbol{l_s} + j_{sa} - k + 1)}^{(\boldsymbol{l_{sa}} - k + 1)} \quad \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \quad \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \quad \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \quad \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \qquad)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s \quad {}_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\quad)!}{(D + j \quad \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\quad j_i)!} +$$

$$\sum_{\quad +\boldsymbol{l_s}+s}^{D-\boldsymbol{n}+\quad} \sum_{(\quad_s+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{\quad_k = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(\quad k+1)} \sum_{\quad_a = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i \quad +1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(l_{ik} - l_s - j_{sa}^{ik} + 1\right)!}{\left(j_s + l_{ik} - j_{ik} - l_s\right)! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\sum_{k=1}^{D + l_s + s - n - l_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = l_{sa} + n - D)}^{(l_s + j_{sa} - k)} \sum_{}^{} {}_{- j_{sa}}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{\quad} + \Bbbk)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \quad j_s - j_{ik} - \Bbbk_1}^{}$$

$$\sum_{(n_{sa} = \quad j_{ik} - j^{sa} \quad)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}^{}$$

$$\frac{(2 \cdot n_{is} + \quad + \Bbbk_2 - n_{ik} \quad j_{ik} - s - \Bbbk - \Bbbk)!}{n_{is} \quad 2 \cdot j_s + \quad - n_{ik} - \quad k - n - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(n + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n \quad \wedge l_s > D - \quad + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - {}^{ik} + \quad j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{s} = j_i \quad {}_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + \quad > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D \geq n < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \left\{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\right\} \wedge$$

$$s > 4 \wedge s = s + \Bbbk \wedge$$

$$D > \boldsymbol{n} < n$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s = \boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n+\Bbbk_2-j_{ik}+1}^{n_{is}-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{ik}+j^{sa}-\Bbbk_2)}^{n_{sa}+j_i} \sum_{n-j^{sa}+}^{n_s=\boldsymbol{n}-j_i+1}$$

$$\frac{(n_i - n_{is} }{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} \quad_{ik} - \Bbbk_1 \quad 1)!}{(j_{ik} \quad j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n \quad - n_{sa} - 1)!}{(n_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(n_{si} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j^{ik}_{sa} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j^{ik}_{sa} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s = \boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \ \sum_{(j^{sa}=\boldsymbol{l_s}+j_{sa}-k+1)}^{(l_{ik}+j_{sa}-k-j_{sa}^{ik}+1)} \ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \ \sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \ \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{i}}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \ \sum_{=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i \quad -1)}{(j_s-2) \quad (n_i-n_{is} \quad +1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk \quad 1)!}{(j_{ik}-j_s-1) \quad j_s-n_{is}-j_{ik}-\Bbbk_1)!}$$

$$\frac{(n_{ik} \quad n_{sa}-1)}{(j^{sa}-j_{ik} \quad 1)!\cdot(\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\quad_{sa}-n_s \quad 1)!}{(j_i-j^{sa}-1) \quad (n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \ \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \ \sum_{(j^{sa}=\boldsymbol{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+2)}^{(\boldsymbol{l_{sa}}-k+1)} \ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}-n_{sa}-1)!} \cdot$$

$$\frac{(n_{sa}-1)!}{(j^{sa}-1)! \cdot (n_{sa}+j^{sa}-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(l_{ik}-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s-l_{ik}-j_{ik}-\boldsymbol{l_s})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{k=D+l_s+s-\boldsymbol{n}-l_i+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (+ j^{sa} - n_s - i)!} \cdot$$

$$\frac{(n_s \quad 1)!}{+ j \quad -1 \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s \quad k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \quad - j_{sa}^{ik} + 1)!}{(j_s + \quad - j_{ik} -) \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{k} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s } \cdot$$

$$\frac{(D - \boldsymbol{l})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i}) \quad (n - j_i)}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \quad \boldsymbol{l}_i + j_{sa} - s \quad \boldsymbol{l}_{sa} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa} \quad 1 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_s^i\}$

$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DC} = \sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l}_{sa} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa} - 1} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\quad k - 1}{(\boldsymbol{l_s} - \quad - k + \quad - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j^{ik}_{sa} - \boldsymbol{l_{ik}} \quad)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} \quad (j^{sa} + j \quad - j_{ik} - j_{sa})!}$$

$$\frac{(D - \quad}{(D + j_i \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{D + \boldsymbol{l_{ik}} \quad \boldsymbol{n} - l_i - j^{b}_{sa}} \quad (\ )$$

$$\sum_{\quad = \boldsymbol{l_{sa}} + \boldsymbol{n} + \quad - D - j_{sa}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j^{ik}_{sa})}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$D > \boldsymbol{n} < n$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{k = D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} + 2}^{D - \boldsymbol{n} + 1} \sum_{(j_s = j_{ik} - j_{sa}^{ik})}$$

$$\sum_{j_{ik} + \boldsymbol{n} - D (j_{sa} + \boldsymbol{n} - D)}^{\boldsymbol{l_{ik}} - k + 1} \sum_{j_i - j_s - j_{sa}}$$

$$\sum_{j_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{j_{ik} - j^{sa} - \Bbbk_2} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{\ }^{\ }$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-\ )}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-\Bbbk_1}^{\ }$$

$$\sum_{(n_{sa}=n\ \ -j_{ik}-j^{sa}\ )}^{(\ )} \sum_{\ }^{+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - \ - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n\ - j_{ik} - \ - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(n + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s \ \ D - n \ \ 1 \wedge$

$2 \leq \ \ \leq j_{ik} - j_{sa}^{ik} + \ \ j_s + j_{sa} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + \ \ - s \wedge j^{sa} \ \ s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - \ ^{ik} + 1 = \ \ sa + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D \geq n < \ \ I = \Bbbk > 0 \wedge$

$\ < j^i \ \ 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s : \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s > 4 \wedge s = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+l_{ik}+s-\boldsymbol{n}-l_i-j^{ik}_{sa}+1} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j^{ik}_{sa}-D-1}^{\boldsymbol{l_{sa}}+\boldsymbol{n}+j^{ik}_{sa}-D-j_{sa}-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j_{sa}+1)}^{(n_{ik}+j_{ik}-)} \sum_{n_s=\boldsymbol{n}-j_i}^{n_{sa}-j_i}$$

$$\frac{(\quad-n_{is}\quad 1)!}{(j_s\quad 2)!\cdot(n_i\quad\quad_s+1)!}\cdot$$

$$\frac{(\quad-n_{ik}\quad\Bbbk_1-1)!}{(\quad_{ik}-j_s-1)!\quad n_{is}+j_s\quad\quad_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}\quad n_{sa}-1)!}{(j^{sa}\quad\quad_k-1)!\quad n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{sa}}+j^{ik}_{sa}-\boldsymbol{l_{ik}}-j_{sa})!}{(j_{ik}+\boldsymbol{l_{sa}}-j^{sa}-\boldsymbol{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-l_i-j^{ik}_{sa}+1} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j^{ik}_{sa}-D-j_{sa}}^{\boldsymbol{l_s}+j^{ik}_{sa}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+2}^{D-\boldsymbol{n}+1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\quad - 1)!}{(n_s + \quad - \boldsymbol{n} - 1 \quad - j_i)!} \cdot$$

$$\frac{(\quad k - 1)!}{(j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa} \quad \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j^s \quad \boldsymbol{l}_{ik})! \cdot (\quad a + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \quad \boldsymbol{l}_i)!}{(D + \quad - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{\boldsymbol{l}_s + s - \boldsymbol{n} - \boldsymbol{l}_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j \quad = \boldsymbol{l}_{sa} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa}}^{\boldsymbol{l}_s + \quad k} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D \geq n < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$s: \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s > 4 \wedge s = s + \Bbbk \wedge$$

$$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} \sum_{k=1}^{D + \cdots - n - l_i} \sum_{(j_s = l_s + n - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = l_{sa} + n + \cdots - D - j_{sa}}^{\cdots + j_{sa}^{ik} - \cdots} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$\sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n})}^{D + \boldsymbol{l_s} \cdots \boldsymbol{l_i} \; (\boldsymbol{l_s} \cdots +1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + j_{sa}^{ik} + 1}^{\boldsymbol{l_{sa}} + j_{sa}^{ik} - k - j_{sa}} \sum_{(j^{sa} = \cdots j_{sa} - j_{sa}^{ik})} \sum_{j_i = \cdots s - j_{sa}}$$

$$\sum_{i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} \cdots - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{\cdots k + j_{ik} - j^{sa} - \Bbbk_2} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1}\sum_{(j_s=\overline{\boldsymbol{l_s}+\boldsymbol{n}-D})}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk\,(n_{is}=\boldsymbol{n}+\ldots+1)}^{n}\sum^{(n_i-j_s+1)}\sum_{n_{ik}=\boldsymbol{n}+\ldots+1}^{n_{is}+j_{\ldots ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-\ldots)}^{(n_{ik}+j_{ik}-\ldots-\Bbbk_2)}\sum_{\ldots-j_i+1}^{n_{sa}+j^{sa}-\ldots}$$

$$\frac{\ldots-n_{is}-1)!}{(\ldots-2)!\cdot(\ldots-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-\ldots-\Bbbk_1-1)!}{(j_{ik}-\ldots-1)!\cdot(\ldots+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(\ldots-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}}\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\quad)} \sum_{n_s=\quad+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}\quad\Bbbk-\quad)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j\quad-\boldsymbol{n}-\Bbbk-\quad j_{sa}^s)!}\cdot$$

$$\frac{1}{(\boldsymbol{n}+\quad s-j_s-s)!}$$

$$\frac{(\boldsymbol{l_s}-\quad}{(\boldsymbol{l_s}-j\quad k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\quad-\boldsymbol{l_i})!}{(D\quad j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} +$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \quad ik - 1 \leq j_{ik} \quad sa + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - \quad \wedge j^{sa} + s - j_{sa} \quad j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa} + \quad > \boldsymbol{l_s} \wedge \boldsymbol{l_s} + j_{sa}^{ik} - j_{sa} > \quad \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I \quad > 0 \wedge$

$j_{sa} \leq \quad - 1 \wedge j_{sa}^{ik} = \quad - 1 \wedge j_{sa}^{} < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \quad j_{sa}^{ik}, \Bbbk_2, j_s \quad \cdots, j_{sa}^i\} \wedge$

$s > \quad = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \quad = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$${}_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} + 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} + j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (\ + j^{sa} - n_s - i)!} \cdot$$

$$\frac{(n_s\ 1)!}{(\ + j\ - 1) \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l}_{ik} - - j_{sa}^{ik} + 1)!}{(j_s + - j_{ik} -) \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l}_{sa} + j_{sa}^{k} - \boldsymbol{l}_{ik} - j_{sa})!}{(j_{ik} + \boldsymbol{l}_{sa} - j^{sa} - \boldsymbol{l}_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l}_s+s-\boldsymbol{n}-\boldsymbol{l}_i} \sum_{(j_s=\boldsymbol{l}_s+\boldsymbol{n}-D)}^{(\boldsymbol{l}_s-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l}_s+j_{sa}^{ik}-k+1}^{\boldsymbol{l}_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l}_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(-1)!}{(n_s + -\boldsymbol{n} - 1)! \cdot (-j_i)!} \cdot$$

$$\frac{(l_s \quad k - 1)!}{j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} \quad - j_{sa}^{ik})!}{(j_s + \boldsymbol{l_{ik}} \quad - \boldsymbol{l_s}) \quad (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_s \quad - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_s} \quad - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - \;)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa} - 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s + 1)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - \;)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \;)! \cdot (\;_{sa} + j_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \; - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{\;+\boldsymbol{l_s}+s-\boldsymbol{n}-\;_i} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\;)}$$

$$\sum_{=\boldsymbol{l_{sa}} + \boldsymbol{n} + \;_a - D - j_{sa}}^{\boldsymbol{l_s} + \;- k} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\;)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\;)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s}: \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$

$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{\Rightarrow j_s, j_i, j^{sa}, j_i} = \sum_{k=1}^{D+l_{ik}+s} \cdots \sum_{(j_s = \boldsymbol{l_{ik}} + \boldsymbol{n} - D - j_{sa}^{ik} + 1)}^{(l_{sa} - D - j_{sa})}
$$

$$
\sum_{j_s + j_{sa}^{ik} - 1}^{(l_{sa} - k + \cdots)} \sum_{(j = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{j_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot
$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{k=1}^{D + \boldsymbol{l_{ik}} + s - \boldsymbol{n} - \boldsymbol{l_i} - j_{sa}^{ik} + 1} \sum^{(\boldsymbol{l_{ik}} - j_{sa}^{ik} + 2)}_{\boldsymbol{l_{sa}} + \boldsymbol{n} - j_{sa} + 1}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik}} \sum^{(\boldsymbol{l_s} - k + 1)}_{=j_{ik} + j_{sa} - j_s} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n}+\dots} \sum_{i s = \boldsymbol{n} + \Bbbk - j_s + 1} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{j_{ik} - \Bbbk_1}$$

$$\sum_{sa = \boldsymbol{n} - j^{sa} + 1}^{+ j_{ik} - j - \Bbbk_2) \; n_{sa} + j^{sa} - j_i} \sum_{n_s = \boldsymbol{n} - j_i + 1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(\dots - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+l_{ik}+s-n-l_i-j_{sa}^{ik}+2}^{D-n+1} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_{ik}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-k+1)} \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n\ -j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n\ \ +1)}^{(n_{ik}+j_{ik}-\ )} \sum_{n_s=n-j_i}^{n_{sa}\ -j_i}$$

$$\frac{(\ -n_{is}\ 1)!}{(j_s\ 2)! \cdot (n_i\ _s+1)!} \cdot$$

$$\frac{(\ -n_{ik}\ \Bbbk_1-1)!}{(j_{ik}-j_s-1)!\ n_{is}+j_s\ -n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}\ n_{sa}-1)!}{(j^{sa}\ _k-1)!\ (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\ -j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_{ik}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$\qquad D > \boldsymbol{n} < n$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j_{ik}-s-\Bbbk-\Bbbk)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n_{ik}-j_{ik}-\boldsymbol{n}-\Bbbk-\Bbbk-j_{sa}^s)}\cdot$$

$$\frac{(\ \ +j_{sa}^s-\ -s)!}{(\ )}\cdot$$

$$\frac{(\ -k-1)!}{(\boldsymbol{l}_s-j_s-\ +1)!\cdot(j_s-\ )!}\cdot$$

$$\frac{(D-\ )!}{(D-\ j_i-\boldsymbol{n}-\ -\ \boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} < j^{sa} + j_{sa}^{ik} - \ \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - \ \ \ < \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + \ \ - j_{sa} > \boldsymbol{l}_{ik} \wedge \ + j_{sa} - s = \boldsymbol{l}_{sa} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq \ \ \ -1 \wedge j_{sa}^{ik} \ \ \ \ -1 \wedge j_{sa}^s < \ \ \ \wedge$

$\boldsymbol{s}.\ \{j_{sa}^s, \cdots, \Bbbk_1, j_\ , \Bbbk_2, j_{sa}, \ \ j_{sa}^i\} \wedge$

$s > \ \ \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\ _z : z = z\ \ \Bbbk = \Bbbk_1 + \Bbbk\ \Rightarrow$

$$_{fz}S_{\Rightarrow j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{D+\boldsymbol{l}_{ik}+s-\boldsymbol{n}-\boldsymbol{l}_i-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l}_s+\boldsymbol{n}-D)}^{(\boldsymbol{l}_{sa}+\boldsymbol{n}-D-j_{sa})}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=\boldsymbol{l}_{sa}+\boldsymbol{n}-D)}^{(\boldsymbol{l}_{sa}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\boldsymbol{n} - j_i)!}$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{+\boldsymbol{l_{ik}}+s-\boldsymbol{n}-\boldsymbol{l_i}-j_{sa}^{ik}+1} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_s}-k-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - \ldots)} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\ldots k - 1)}{(\boldsymbol{l_s} - \ldots - k + \ldots - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - \ldots)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \ldots)(j^{sa} + \ldots - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \ldots)}{(D + j_i - \ldots - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=D+\boldsymbol{l_{ik}}+\ldots}^{\ldots - \boldsymbol{n}+1} \quad \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k - 1)}$$

$$\sum_{\ldots = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - \;)} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\; - j_i)!}$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - l_i} \sum_{= l_{sa} + \boldsymbol{n} - D - j_{sa}}^{(l_s - k - \;)}$$

$$\sum_{j_{ik} = j_s + \; - 1} \frac{(\;)}{(j^{sa} = \; + j_{sa} - j_{sa}^{ik})} \sum_{ } \; s - j_{sa}$$

$$\sum_{= \boldsymbol{n} + \Bbbk \, (n_{is} = \boldsymbol{n} + \; j_s + 1)}^{n} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(\; n_{is} + \; + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + \; s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < \; \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

550 $\qquad$ $D > \boldsymbol{n} < n$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$\boldsymbol{s} : \left\{ j_{sa}^s, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$

$s > 4 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{\Rightarrow j_s,\, j_{ik},\, j^{sa},\, j_i} = \sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s+l_s+\boldsymbol{n}-D)}^{(l_{sa}+\boldsymbol{n}-D-)}
$$

$$
\sum_{j_{ik}=l_{sa}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-k-j_{sa}+1} \sum^{(\ \ )}_{(j^{sa}=j_{ik}+\ -j_{sa}^{ik})\ j_i=j^{sa}+ }
$$

$$
\sum^{n}_{+\mathbb{k}\ (n_{is}-\ \mathbb{k}-j_s+1)\ n_{ik}} \sum^{(n_i-j_s+1)}_{}{}^{+j_s-j_{ik}-\mathbb{k}_1}_{\ -j_{ik}+1}
$$

$$
\sum^{(n_{ik}+\ j^{sa}-\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i}_{=\boldsymbol{n}-j^{sa}+1)\ n_s=\boldsymbol{n}-j_i+1}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(\ -2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}+\ _s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-k-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{sa}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=n+sa+1)}^{(n_{ik}+j_{ik}-\Bbbk)} \sum_{n_s=n-j}^{n_{sa}-sa-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)! \cdot (n_{sa}+j^{sa}-n_s-j_i)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D-n+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k-1)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_{sa} + \boldsymbol{n} - D - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - \boldsymbol{n} - l_i)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s=l_{sa}+\boldsymbol{n}-D-j_{sa}+1)}^{(l_s-k-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \quad)} \cdot$$

$$\frac{(D - \boldsymbol{l})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i}) \quad (\boldsymbol{n} - j_i)}$$

$$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \quad \boldsymbol{l_i} + j_{sa} - s \quad \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa} \quad 1 \wedge$$

$$\boldsymbol{s}: \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_s^i \right\}$$

$$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$\begin{array}{l} {}^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_{sa}} + \boldsymbol{n} - D - j_{sa})} \end{array}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_{ik}} - k + 1} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$D > \boldsymbol{n} < n$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s \quad)} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\quad k - 1 \quad)}{(\boldsymbol{l_s} - \quad - k + \quad - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa} + 1)!}{(j_s + \boldsymbol{l_{ik}} - \quad)! \cdot (j_{ik} - \quad - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} \quad \boldsymbol{l_{ik}} - j_{sa})!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{s} \quad \boldsymbol{l_{ik}})! \cdot (\quad + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D \quad \boldsymbol{l_i})!}{(D + \quad - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D + \boldsymbol{l} \quad \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_{sa}} + \boldsymbol{n} - D - j_{sa} + 1)}^{(\boldsymbol{l_s} - k - 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{\quad - k + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\boldsymbol{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s \qquad} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s \qquad _{sa}^{ik} + 1)!}$$

$$\frac{(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} \qquad)}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \qquad} \cdot$$

$$\frac{(D \qquad \boldsymbol{l_i})!}{\qquad \boldsymbol{n} - \boldsymbol{l_i} \qquad (\boldsymbol{n} - j_i)!}$$

$$\sum_{\qquad} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{\qquad}$$

$$\sum_{j_{ik} = \qquad}^{\boldsymbol{l_{ik}} - k + 1} \sum_{(\qquad = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{\qquad - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \boldsymbol{l_{sa}} - j^{sa} - \boldsymbol{l_{ik}})! \cdot \left(j^{sa} + j_{sa}^{ik} - j_{ik} - \right)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot \left(- j_i\right)!} \cdot$$

$$\sum_{k=1}^{D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{-\boldsymbol{l_{sa}} + \boldsymbol{n} - D - j_{sa}}$$

$$\sum_{j_{ik} = j_s + \ldots + 1} \left(j^{sa} = j_{sa} - j_{sa}^{ik}\right) \sum_{j_i = \ldots + s - j_{sa}}$$

$$\sum_{\ldots + \Bbbk}^{n} \left(n_{is} = \boldsymbol{n} + \ldots j_s + 1\right) \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + \ldots + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + \ldots j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$$> \boldsymbol{n} \quad \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \le j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$$

$$\boldsymbol{s} : \left\{ j_{sa}^s, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$$

$$s > 4 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$$_{fz}S^{DOSD}_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(l_s+n-D)}^{(j_{ik}-j_{sa}^{ik})}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa})}^{(\ )} \sum_{j_i=l_{ik}+s+n-D}^{l_s+s}$$

$$\sum^{n} \sum_{(n_{is}-\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum^{j_s+j_s-j_{ik}-\mathbb{k}_1}_{\quad +j_{ik}+1}$$

$$\sum_{(n_{ik}+j^{sa}-\mathbb{k}_2)}^{n_{sa}+j^{sa}-j_i} \sum_{n_a=n-j^{sa}+1} \sum_{n_s=n-j_i+1}$$

$$\frac{(n_i - n_{is} - 1)!}{\quad - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - \quad_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_s}+s-k+}^{\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}}^{n_{is}+j_s-j_{ik}-\Bbbk}$$

$$\sum_{(n_{sa}=\boldsymbol{n}}^{(n_{ik}+j_{ik}\quad\Bbbk_1)} \sum_{n_s=\boldsymbol{n}-}^{n_{sa}\quad^{sa}-j_i}$$

$$\frac{(n_i-n_{}-1)!}{(j_s\quad2)!\cdot(\quad n\quad j_s+1)!}\cdot$$

$$\frac{\quad-n_{ik}\quad\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\quad(n_{is}+j_s\quad n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}\quad n_{sa}-1)!}{(j^{s}\quad j_{ik}-1)!\quad_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{\quad-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+\boldsymbol{n}+s-D-j_{sa}^{ik}}^{\boldsymbol{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-\cdots-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+\cdots-n_{sa}-\cdots)!}\cdot$$

$$\frac{(n_{sa}-\cdots-1)!}{(\cdots j^{sa}-1)!\cdot(n_{sa}+\cdots-\cdots-j_i)!}\cdot$$

$$\frac{(\cdots n_s-1)!}{(\cdots+j_i-\cdots+1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l}\cdots j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j_{sa}^{ik}+1)!}{(j_s-\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+s+\boldsymbol{n}-D-j_{sa}^{ik}}^{\boldsymbol{l_s}+s-k}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$D > \boldsymbol{n} < n$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l}_s - k - 1)!}{(\boldsymbol{l}_s - j_s - k + 1)! \cdot (j_s} \cdot$$

$$\frac{(D - \boldsymbol{l})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)} \, (n - j_i)$$

$$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l}_{ik} - j_{sa}^{ik} + 1 > \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l}_{ik} \quad \boldsymbol{l}_i + j_{sa} - s \quad \boldsymbol{l}_{sa} \wedge$$

$$D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$$

$$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa} \quad 1 \wedge$$

$$\boldsymbol{s}: \left\{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_s^i \right\}$$

$$s > 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$$

$$_{fz}S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{D + \boldsymbol{l}_s + s - \boldsymbol{n} - \boldsymbol{l}_i} \sum_{(j_s = \boldsymbol{l}_s + \boldsymbol{n} - D)}^{(j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l}_{ik} + \boldsymbol{n} + j_{sa} - D - j_{sa}^{ik})}^{(\boldsymbol{l}_s + j_{sa} - k)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(k - 1)!}{(\boldsymbol{l_s} - \boldsymbol{n} - k + 1)! \cdot (2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa} + 1)!}{(j_s + \boldsymbol{l_{ik}} -)! \cdot (j_{ik} - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_{ik})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s -\boldsymbol{l_i}} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} - k + 1)}$$

$$\sum_{j_{ik} = j^s}^{(ik + j_{sa} - k - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = \boldsymbol{l_s} + j_{sa} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \boldsymbol{n} + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = \boldsymbol{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\sum_{k=D+\boldsymbol{l_s}+\ldots-\boldsymbol{l_i}+1}^{D-\boldsymbol{n}\ldots} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}\ldots)}^{(\boldsymbol{l_s}\ldots+1)} \cdot$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}\ldots}^{\ldots-j_{sa}^{ik}+1)} \sum_{sa=\boldsymbol{l_{ik}}+\boldsymbol{n}+\ldots-D-j_{sa}^{ik})}^{\ldots} \sum_{j_i=j\ldots+s-j_{sa}}^{\ldots} \cdot$$

$$\sum_{i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}\ldots-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1} \cdot$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{\ldots_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i} \cdot$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}^{(l_s+j_{sa}-k)} \sum_{j_{i}}^{sa+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+\Bbbk-1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s}^{\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}-j^{sa}\ldots)}^{(\quad)} \sum^{+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\Bbbk_2-n_{ik}-j\ldots-s-\Bbbk-\Bbbk)!}{(2\cdot n_{is}+2\cdot j_s+\Bbbk_2-n\ldots-j_{ik}-\ldots\Bbbk-\Bbbk-j_{sa}^s)!}\cdot$$

$$\frac{1}{(n+j_{sa}^s-j_s-s)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)!\cdot(n-j_i)!}$$

$D \geq n < n \wedge l_s \ldots D-n\ldots 1 \wedge$

$2 \leq j\ldots \leq j_{ik}-j_{sa}^{ik}+\ldots \wedge j_s+j_{sa}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j\ldots^a = j_i + \ldots - s \wedge j^{sa}\ldots s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik}\ldots^{ik}+1 > \ldots sa + j_{sa}^{ik}-j_{sa} = l_{ik} \wedge l_i + j_{sa}-s = l_{sa} \wedge$

$D \geq n < \ldots I = \Bbbk > 0 \wedge$

$\ldots < j^i\ldots 1 \wedge j_{sa}^{ik} = j_{sa}-1 \wedge j_{sa}^s < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \left\{ j_{sa}^s, \cdots, \Bbbk_1, j^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i \right\} \wedge$

$s > 4 \wedge \mathbf{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$D > \boldsymbol{n} < n$$

$$_{fz}S^{DOSD}_{\Rightarrow j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=1}^{D+l_s+s-\boldsymbol{n}-l_i}\ \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+j^{ik}_{sa}-k}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ \ )}\ \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n}\ \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\boldsymbol{n}\ -j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}\ -j_{sa}+1)}^{(n_{ik}+j_{ik}-\ )}\ \sum_{n_s=\boldsymbol{n}-j_i}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(\ -n_{is}\ -1)!}{(j_s\ -2)!\cdot(n_i\ -j_s+1)!}\cdot$$

$$\frac{(\ -n_{ik}\ -\Bbbk_1-1)!}{(n_{ik}-j_s-1)!\cdot(n_{is}+j_s\ -n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}\ -n_{sa}-1)!}{(j^{sa}\ -j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(\ -j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(\boldsymbol{l_s}-k-1)!}{(\boldsymbol{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l_s}-j^{ik}_{sa}+1)!}{(j_s+\boldsymbol{l_{ik}}-j_{ik}-\boldsymbol{l_s})!\cdot(j_{ik}-j_s-j^{ik}_{sa}+1)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-l_i}\ \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-k+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l_s}+j^{ik}_{sa}-k+1}^{\boldsymbol{l_{ik}}-k+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ \ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\cdot$$

$$\frac{(l_s-k-1)!}{(l_s+j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s-l_{ik}-j_{ik}-l_s)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-l_i)!}{(D+j_i-\boldsymbol{n}-l_i)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{k=D+l_s+s-\boldsymbol{n}-l_i+1}^{D-\boldsymbol{n}+1} \sum_{(j_s=l_s+\boldsymbol{n}-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_{ik}+\boldsymbol{n}-D}^{l_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \ldots)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(\ldots - 1)!}{(n_s + \ldots - \boldsymbol{n} - 1 \ldots - j_i)!} \cdot$$

$$\frac{(\ldots k - 1)!}{(\ldots_s - k \ldots)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\boldsymbol{l_{ik}} - \ldots - j_{sa}^{ik} \ldots)!}{(j_s + \boldsymbol{l_{ik}} - \ldots - \boldsymbol{l_s}) \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D \ldots \boldsymbol{l_i})!}{(D + \ldots - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\sum_{k=1}^{\boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\ldots + j_{sa}^{ik} - k} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} - s - \Bbbk - \Bbbk)!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \Bbbk - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j^{sa} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D \geq n < n \wedge I = \Bbbk > 0 \wedge$

$j_{sa} \leq j_{sa}^i - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^s < j_{sa}^{ik} - 1 \wedge$

$s : \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s > 4 \wedge s = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \Rightarrow$

$$S_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOSD} \sum_{k=1}^{D + l_s - n - l_i} \sum_{(j_s = l_s + n - D)}^{(l_{ik} + n - D - j_{sa}^{ik})}$$

$$\sum_{j_{ik} = l_{ik} + n - D}^{l_{ik} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = n + \Bbbk}^{n} \sum_{(n_{is} = n + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n + \Bbbk_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + \ldots\right)} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\ldots \boldsymbol{n} - j_i)!}$$

$$\sum_{k=1}^{D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}} \sum_{\ldots = \boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}}^{(\boldsymbol{l_s}-k+\ldots)}$$

$$\sum_{j_{ik}=j_s+\ldots-1}^{\boldsymbol{l_{ik}}-k+1} \sum_{(j^{sa}=\ldots_{sa}-j_{sa}^{ik})} \sum_{j_i-j\ldots+s-j_{sa}}$$

$$\sum_{\ldots=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}\ldots-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=\boldsymbol{n}-j^{sa}+1)}^{\ldots_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - k - 1)!}{(\boldsymbol{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\boldsymbol{l_{ik}} - \boldsymbol{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \boldsymbol{l_{ik}} - j_{ik} - \boldsymbol{l_s})! \cdot \left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=D+l_s+s-n-l_i+1}^{D-n+1} \sum_{(j_s=l_s+n-D)}^{(l_s-k+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ \ )} \sum_{j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=n+\Bbbk}^{n} \sum_{(n_{is}=n+j_{s}+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n-j_{ik}-\Bbbk_1}^{n_{is}+j}$$

$$\sum_{(n_{sa}=n-1)}^{(n_{ik}+j_{ik}-\Bbbk_2)} \sum_{-n-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{- n_{is} - 1)!}{- 2)! \cdot (- n_{is} - j_s + 1)!}$$

$$\frac{(n_{is} - - \Bbbk_1 - 1)!}{(j_{ik} - - 1)! \cdot (n + j_s - n_{ik} - j_{ik} - \Bbbk_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \cdot$$

$$\frac{(l_s - k - 1)!}{(l_s - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-k+1)}$$

$$D > \boldsymbol{n} < n$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{\left(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}\right)}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{\left(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1\right)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{\left(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2\right)}^{(\ )} \sum_{n_s= \ +j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \Bbbk_2 - n_{ik} - j_{ik} \quad \Bbbk - \ )!}{(2 \cdot n_{is} + 2 \cdot j_s + \Bbbk_2 - n_{ik} - j \quad - \boldsymbol{n} - \Bbbk \quad j_{sa}^s)!} \cdot$$

$$\frac{1}{(\boldsymbol{n} \quad _a - j_s - s)!}$$

$$\frac{(l_s - \ )}{(l_s - \ - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\ - l_i)!}{(D \quad j_i - \boldsymbol{n} - l_i)! \cdot (\boldsymbol{n} - j_i)!}$$

DİZİN

simetrik olasılık, 2.3.1.1.11.4.1.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.4.1.1/30

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

simetrik olasılık, 2.3.1.1.11.4.2.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.4.2.1/30

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

simetrik olasılık, 2.3.1.1.11.4.3.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.4.3.1/30

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

simetrik olasılık, 2.3.1.1.11.6.1.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.6.1.1/30

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz durumlu-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

simetrik olasılık, 2.3.1.1.11.6.2.1/

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.6.2.1/30

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

simetrik olasılık, 2.3.1.1.11.6.3.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.6.3.1/30

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

simetrik olasılık, 2.3.1.1.11.7.1.1/29

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.7.1.1/30

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

simetrik olasılık, 2.3.1.1.11.7.2.1/29

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.7.2.1/30

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

simetrik olasılık, 2.3.1.1.11.7.3.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.7.3.1/17

VDOİHİ'de Olasılık ve İhtimal konularının tanım ve eşitlikleri verilmektedir. Ayrıca VDOİHİ'de olasılık ve ihtimalin uygulama alanlarına da yer verilmektedir. VDOİHİ konu anlatım ciltleri ve soru, problem ve ispat çözümlerinden oluşmaktadır. Bu cilt bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz olasılık dağılımlarında, simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı düzgün olmayan simetrik olasılığın, tanım ve eşitliklerinden oluşmaktadır.

VDOİHİ Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu inin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son uma düzgün olmayan simetrik olasılık kitabında, bağımlı ve bir bağımsız ola klı farkl izilim dağılımlarda, simetrinin ilk herhangi iki ve son durumunun bulunabi eği olay a re herhangi bir ve son duruma bağlı düzgün olmayan simetrik o lığın, ım ve eş kleri verilmektedir.

VDOİHİ'nin diğer ciltlerinde olduğu gibi bu ciltte de ve n ana eşit r, olasılık tablolarından elde edilen verilerle üretilmiştir. Di itlikler is na eşitlikle en teorik yöntemle üretilmiştir. Eşitlik ve tanımlar üretilmesi dış k ku ılmamıştır.