VDOİHİ

Bağımlı ve Bir Bağımsız Olasılıklı Büyük Farklı Dizilimli Bir Bağımlı-Bağımsız ve Bağımlı-Bağımsız Durumlu Simetrinin Bağımsız Durumla Başlayan Dağılımlardaki İlk Düzgün Olmayan Simetrik Olasılığı

Cilt 2.2.8.2

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1. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli ilk düzgün olmayan simetrik olasılık 2. Bir Bağımlı-bağımsız durumlu simetrinin ilk düzgün olmayan simetrik olasılığı 3. Bağımlı-bağımsız durumlu simetrinin ilk düzgün olmayan simetrik olasılığı

Dili: Türkçe + Matematik Mantık

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 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.

Yazar ve VDOİHİ

Yazar doktora tez çalışmasına kadar, dijital makinalarla sayısallaştırılabilen fakat insan tarafından sayısallaştırılamayan verileri, **a**nlamlı en **k**üçük **p**arça (akp)'larına ayırıp skorlandırarak, sayısallaştırma problemini çözmüştür. Anlamlı en küçük parçaların Türkçe kısaltmasını olasılığın birimlendirilebilir olmasından dolayı, olasılığın birimini akp olarak belirlemiştir. Matematiğinin başlangıcı olasılık olan tüm bağımlı değişkenlerde olabileceği gibi aynı zamanda enformasyonunda temeli olasılık olduğundan, enformasyon içeriğinin de doğal birimi akp'dir.

Verilerin objektif lojik semplisitede sayısallaştırılmasıyla **V**eri **D**eğişkenleri **O**lasılık ve **İ**htimal **H**esaplama **İ**statistiği (VDOİHİ) geliştirilmeye başlanmıştır. Doktora tezinin nitel verilerini, bir ilk olarak, -1, 0, 1 skorlarıyla sayısallaştırarak iki tabanlı olasılığı sınıflandırıp; pozitif, negatif (ve negatiflerdeki pozitif skorlar için ayrıca eşitlik tanımlaması yapılıp), ilişkisiz ve sıfır skor aşamalarında değerlendirme yöntemi geliştirmiştir. Bu yöntemin tüm kavramlarının; tanım ve formülleriyle sınırları belirlenip, kendi içinde tam bir matematiği geliştirilip, uygulamalarla veri elde edilmiş, verilerin hem değerlendirmeleri hem de bulguların sözel ifadelerini veren yazılım paket programı yapılarak, bir disiplinin tüm yönleri yazar tarafından gerçekleştirilerek doktorasını bilim tarihinde yine bir ilk ile tamamlamıştır. Nitel verilerden elde edilebilecek bulguların sözel ifadelerini veren yazılım paket programı gerçek ve olması gereken yapay zekanın ilk örneğidir.

Yazar, ölçme araçları için madde tekniği tanımlayıp, değerlendirme yöntemlerini belirginleştirilerek, eğitimde ölçme ve değerlendirme için beş yeni boyut aktiflemiştir. Ölçme ve değerlendirmeye, aktif ve pasif değerlendirme tanımlaması yapılarak, matematiği geliştirilmiş ve geliştirilmeye devam edilmektedir. Yazar yaptığı çalışmalarda **P**roblem **Ç**özüm **T**ekniklerini (PÇT) aktifleyerek; verilenler-istenilenler (Vİ), serbest cisim diyagramı/çizim (SCD), tanım, formül ve işlem aşamalarıyla, eğitimde ölçme ve değerlendirmede beş boyut daha aktiflemiştir. PÇT aşamalarını bilgi düzeyi, çözümlerin sonucunu da başarı düzeyi olarak tanımlayıp, ölçme ve değerlendirme için iki yeni boyut daha kazandırmıştır. Sınıflandırılmış iki tabanlı olasılık yönteminin aşamaları ve negatiflerdeki pozitiflerle, ölçme ve değerlendirmeye beş yeni boyut daha kazandırılmıştır. Verilerin; Shannon eşitliği veya VDOİHİ'de verilen olasılık-ihtimal eşitlikleriyle değerlendirmeyi bilgi merkezli, matematiksel fonksiyonlarla (lineer, kuvvet, trigonometri “sin, cos, tan, cot, sinh, cosh, tanh, coth”, ln, log, eksponansiyel v.d.) değerlendirmeyi ise birey merkezli değerlendirme, sınırlandırması getirerek, değerlendirmeye iki yeni boyut daha kazandırmıştır. Ayrıca $\frac{a}{b}+\frac{c}{d}$ ve $\frac{a+c}{b+d}$ matematiksel işlemlerinin anlam ve sonuç farklılıklarını, değerlendirme için aktifleyerek, değerlendirmeye iki yeni boyut daha kazandırmıştır. Böylece eğitimde ölçme ve değerlendirmeye; PÇT aşamaları 5×5, yine PÇT’nin bilgi ve başarı düzeylerinin 2×2, sınıflandırılmış iki tabanlı olasılık yöntemi 5×5, bilgi ve birey merkezli ölçme ve değerlendirmeyle 2×2, matematiksel işlem farklılıklarıyla 2×2 olmak üzere 40.000 yeni boyut kazandırmıştır. Bu boyutlara yukarıda verilen matematiksel fonksiyonlarında dahil edilmesiyle en az (13×13) 6.760.000 yeni boyutun primitif düzeyde, ölçme ve değerlendirmeye, katılabilmesinin yolu yazar tarafından açılmış olmasına karşılık, günümüze kadar yukarıda bahsedilen boyutların ilgi düzeyinde, eğitimde ölçme ve değerlendirmede, tek boyuttan öteye (lineer değerlendirme) geçirilememiştir. Bu noktadan sonra, ölçme ve değerlendirmeye fark istatistiğiyle boyut kazandırılabilmiştir. Fark istatistiğiyle kazandırılan boyutlarında hem ihtimallerden çıkarılacak yeni boyutlar hem de ihtimallerin fark istatistiğinden türetilebilecek boyutların yanında güdük kalacağı kesin! Ölçme ve değerlendirmeye yeni boyutlar kazandırılmasının en önemli amaçları; beynin öğrenme yapısının kesin bir şekilde belirlenebilmesi ve öğretim süreçlerinin bilimsel bir şekilde yapılandırılabilmesidir. Beyinle ilgili VDOİHİ Bağımlı Olasılık Cilt 1’in giriş bölümünde verilenlerin genişletilmesine ileride devam edilecektir. Fakat öğretim süreçlerinin; teorik öngörülerle ve/veya insanın yaradılışına uyma olasılığı son derece düşük doğrusal değerlendirmelerle yapılandırılması, yazar tarafından insanlığa ihanet olarak görüldüğünden, doğru verilerle eğitimin bilimsel niteliklerde yapılandırılabilmesi için, ölçme ve değerlendirmeye yeni boyutlar kazandırılmaktadır.

Günümüze kadar yaşayan dillere 10 kavram bile kazandırabilen hemen hemen yokken, yayınlanan VDOİHİ ciltlerinde (cilt 1, 2.1.1, 2.2.1, 2.3.1 ve 2.3.2) yaklaşık 1000 kavram Türkçeye kazandırılarak ciltlerin dizinlerinde verilmiştir. Bu kavramların tüm sınırları belirlenip, açık ve anlaşılır tanımlarıyla birlikte, eşitlikleri de verilmiştir. Bu düzeyde yani bilimsel düzeyde, bilime kavramlar Türkçe olarak kazandırılmıştır. Yayınlanacak VDOİHİ’lerde bilime Türkçe kazandırılacak kavramların on binler düzeyinde olacağı öngörülmektedir.

VDOİHİ’de verilen eşitlikler aynı zamanda dillerinde eşitlikleridir. Diğer bir ifadeyle dillerin matematik yapıları VDOİHİ ile ortaya çıkarılmıştır. Türkçe ve İngilizcenin olasılık yapıları VDOİHİ’de belirlenerek, formüllerin dillere (ağırlıklı Türkçe) uygulamalarıyla hem dillerin objektif yapıları belirginleştiriliyor hem de makina-insan arası iletişimde, makinaların iletişim kurabilmesinde en üst dil olarak Türkçe geliştiriliyor. İleriki ciltlerde Türkçenin matematik mantık yapısı da verilerek, Türkçe’nin makinaların iletişim dili yapılması öngörülmektedir.

Bilim(de) kesin olanla ilgileni(li)r, yani bilim eşitlik ve/veya yasa üretir veya eşitliklerle konuşur. Bunun mümkün olmadığı durumlarda geçici çözümler üretilebilir. Bu geçici çözümler veya yöntemleri, her hangi bir nedenle bilimsel olamaz. Bilimin yasa veya eşitlik üretimindeki kırılma, Cebirle başlamıştır. Bilimdeki bu kırılma mühendisliğin, teknolojiye dönüşümünün başlangıcıdır. Bilimdeki kırılma ve mühendisliğin teknolojiye dönüşümü, insanlığın gelişimini hızlandırmakla birlikte, bu alanda çalışanların; ego, öngörüsüzlük, ufuksuzluk ve beceriksizlikleri gibi nedenlerden dolayı, insanlığın gelişimi ivmelendirilemediği gibi bu basiretsizliklerle insanlığa pranga vurmayı bile kısmen başarabilmişlerdir. VDOİHİ ve telifli eserlerinde verilen; değişken belirleme, eşitlik-yasa belirleme ve bunların sözel yorumlarını yapabilen yazılımlarla, ve yapılabilecek benzeri yazılımlarla, insanlığın gelişimi ivmelendirilebileceği gibi isteyen her bireye, gerçeklerin (VDOİHİ Bağımlı Olasılık Cilt 1'in giriş bölümünde tanımlanmıştır) bilgi ve teknolojisine daha kolay ulaşabilme imkanı sağlanmıştır.

Şuana kadar zaruri tüm tanımların, zaruri tüm eşitliklerin ve bunların epistemolojileriyle (0. epistemolojik seviye) en azından 1. epistemolojik seviye bilgilerinin birlikte verildiği ya ilk yada ilk örneklerinden biri VDOİHİ'dir. Bu kapsamda VDOİHİ'de şimdiye kadar yaklaşık 1000 kavramın, bilime kazandırıldığı yukarıda belirtilmişti. Bu kapsamda yine VDOİHİ'de 5000'in üzerinde orijinal; ilk ve yeni eşitlik geliştirilmiştir. Bu eşitlikler kasıtlı olarak ilk defa dört farklı yapıda birlikte verilmektedir. Bu eşitlikler; a) sabit değişkenli (örneğin; bağımlı olasılıklı farklı dizilimli simetrik olasılık eşitlikleri) b) sabit değişkenli işlem uzunluklu (örneğin; simetrinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık eşitliği) c) hem değişken uzunluklu hem işlem uzunluklu (örneğin; simetrinin her durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık eşitliği) d) sabit değişkenli zıt işlem uzunluklu (bu eşitlik VDOİHİ cilt 2.1.3'ten itibaren verilecektir. Örneğin; $\sum_{i=s}^{n} \mp$) yapılarda verilmektedir. Sabit değişkenli eşitliklerle, bilim ve teknolojideki gereksinimlerin çoğunluğu karşılanabilirken, geleceğin bilim ve teknolojisinde ihtiyaç duyulabilecek eşitlik yapıları kasıtlı olarak aktiflenmiş veya geliştirilmiştir.

İnsanın hem öğrenmesinin desteklenmesi hem de bilginin teknolojiyle ilişkisini kurabilmesi için özellikle VDOİHİ Soru Problem İspat Çözümleri ciltlerinde, soru ve problem birbirinden ayrılarak yeniden tanımlanıp sınırları belirlenmiştir. Böylece örnek, soru, problem ve ispat arasındaki farklılıklar belirginleştirilmiştir. Ayrıca yine insanın hem öğrenmesinin desteklenmesi hem de bilginin teknolojiyle ilişkisini daha kesin kurabilmesi için Sertaç ÖZENLİ'nin İlmi Sohbetler eserinin M5-M6 sayfalarında verilen epistemolojik seviye tanımları; örnek, soru, problem ve ispatlara uyarlanmıştır. Böylece; örnek, soru, problem ve ispatların epistemolojileriyle, hem bilgiyle-öğrenme arasında hem de bilgi-teknoloji arasında yeni bir köprü kurulmuştur.

Geride bıraktığımız yüzyılda, özellikle Turing ve Shannon'un katkılarıyla iki tabanlı olasılığa dayalı dijital teknoloji kurulabilmiştir. Kombinasyon eşitliğiyle iki tabanlı simetrik olasılıklar hesaplanabildiğinden, ihtimalleri de kesin olarak hesaplanabilir. İkiden büyük tabanların; bağımsız olasılık, bağımlı olasılık, bağımlı-bağımsız olasılık, bağımlı-bağımlı olasılık veya bağımsız-bağımsız olasılık dağılımlarındaki simetrik olasılıkları VDOİHİ'ye kadar kesin olarak hesaplanamadığından (hatta VDOİHİ'ye kadar olasılığın sınıflandırılması bile yapılmamış/yapılamamıştır), farklı tabanlarda çalışabilecek elektronik teknolojisi kurulamamıştır. VDOİHİ'de verilen eşitliklerle, hem farklı olasılık dağılımlarında hem de her tabanda simetrik olasılıkların olabilecek her türü, hesaplanabilir kılındığından, ihtimalleri de f

kesin olarak hesaplanabilir. Böylece VDOİHİ'de verilen eşitliklerle hem istenilen tabanda hem de istenilen dağılım türlerinde çalışabilecek elektronik teknolojisinin temel matematiği kurulmuştur. Bundan sonraki aşama bilginin-ürüne dönüşme aşamasıdır. Ayrıca VDOİHİ'de özellikle uyum eşitlikleri kullanılarak farklı dağılım türlerine geçişin yapılabileceği eşitliklerde verilerek, dijital teknoloji yerine kurulacak her tabanda ve/veya her dağılım türünde çalışan teknolojinin istenildiğinde de hem farklı taban hem de farklı dağılım türlerine geçişinin yapılabileceği matematik eşitlikleri de verilmiştir. Böylece tek bir tabana dayalı dijital teknoloji yerine, sonsuz çalışma prensibine dayalı elektronik teknolojinin bilimsel-matematiksel yapısı VDOİHİ ile kurulmuş ve kurulmaya devam etmektedir.

VDOİHİ'de verilen eşitlikler aynı zamanda en küçük biyolojik birimden itibaren anlamlı temel biyolojik birimin "genetiğin" temel matematiğidir. En küçük biyolojik birim olarak DNA alındığında, VDOİHİ'de verilen eşitlikler DNA, RNA, Protein, Gen ve teknolojilerinin temel eşitlikleridir. Bu eşitlikler VDOİHİ'de teorik düzeyde; DNA, RNA, Protein, Gen ve hastalıklarla ilişkilendirilmektedir. Bu eşitlikler gelecekte atom düzeyinden başlanarak en kompleks biyolojik birimlere kadar tüm biyolojik birimlerin laboratuvar ortamlarında üretiminin planlı ve kontrollü yapılabilmesinde ihtiyaç duyulacak temel eşitliklerdir. Böylece bir canlının, örneğin insanın, atom düzeyinden başlanarak laboratuvar ortamında üretilebilir/yapılabilir kılınmasının, matematiksel yapısı ilk defa VDOİHİ'de verilmektedir. Elbette bir insanın laboratuvar ortamında üretilebilir olmasıyla, bunun gerçekleştirilmesi aynı değildir. Gerçekleştirilebilmesi için dini, etik, ahlaki v.d. aşamalarda da doğru kararların verilmesi gerekir. Fakat organların v.b. biyolojik birimlerin laboratuvar ortamında üretilmesinin önünde benzeri aşamaların engel oluşturduğu söylenemez. İhtiyaç halinde bir insanın; organının, sisteminin veya uzvunun v.b. her yönüyle aynısının laboratuvar ortamında üretilmesi veya soyu tükenmiş bir canlının yeniden üretimi veya soyunun son örneği bir canlı türünün devamı VDOİHİ'de verilen eşitlikler kullanılarak sağlanabilir. Biyolojik bir yapının laboratuvar ortamında üretimiyle, örneğin herhangi bir makinanın üretilmesinin İslam açısından aynı değerli olduğunu düşünüyorum. Bu yaradan'ın bize ulaşabilmemiz için verdiği bilgidir. Eğer ulaşılması istenmeseydi, bizim öyle bir imkanımızda olamazdı. Fakat bilginin, bizim ulaşabileceğimiz bilgi olması, yani gerçeğin bilgisi olması, her zaman ve her durumda uygulanabilir olacağı anlamına gelmez. Umarım yapmak ile yaratmak birbirine karıştırılmaz!

VDOİHİ'de hem sonsuz çalışma prensibine dayalı elektronik teknolojisinin matematiksel yapısı hem de Telifli eserlerinde ve VDOİHİ'de, ilk defa yapay zeka çağının kapılarını aralayan çalışmalar yapılmıştır. VDOİHİ cilt 2.1.1'in giriş bölümünde yapay zeka ve çağının tanımı yapılarak, kütüphane ve referans bilgileriyle ilişkilendirilmiştir. Daha sonra VDOİHİ ve Telifli eserlerinde insanlığın gelişimini ivmelendirecek; yapay zeka görev kodları, verilerin analizleriyle ait olduğu disiplinin belirlenmesi, verinin analizinden verilen ve istenilenlerin belirlenmesi, değişken analizi, eksik değişkenlerin belirlenmesi, eksik değişkenlerin verilerinin üretimi, değişkenler arası eşitliklerin kurulması ve elde edilen bilgilerin sözel ifadeleriyle bilim ve teknoloji için gerekli bilgiyi üretebilen yazılımlar verilmiştir. Hem bu yazılımlarla hem de benzeri yazılımlarla, bilim insanları tarafından üretilemeyen bilgi ve teknolojilerin isteyen her kişi tarafından üretilebilir olması sağlanmıştır. Ayrıca kütüphane ve referans bilgilerinin üretiminde, olasılık dağılımları üzerinden çalışan makinaların bir olayın tüm yönlerini (olasılıklarını) kullanmaları sağlanarak, tıpkı insan gibi düşünebilmesi sağlanmıştır. Böylece makinaların özgürce düşünebilmesinin önündeki engeller kaldırılmıştır. Gerçek yapay zeka pahalı deneylere ihtiyacı ortadan kaldırarak, insanlara yaradan'ın tanıdığı eşitliklerin (matematiksel eşitlik değil!), belirli insanlar tarafından saptırılarak, diğerlerinin eşitlik ve özgürlerinin gasp edilmesinin önünde güçlü bir engel teşkil edecektir. Bugüne kadar artifical inteligence çalışmalarıyla sadece ve sadece kütüphane bilgisinin bir kısmı üretilebildiği ve kütüphane bilgisi üretebilen teknoloji geliştirildiğinden, bunlar yapay zekanın öncü çalışmalarından öte geçip yapay zeka konumunda düşünülemez. Gerçek yapay zeka hem kütüphane hem de referans bilgisi üretebilir olması gerektiğinden; a) yazar tarafından doktora tez çalışması başta olmak üzere belirli çalışmalarında kütüphane bilgisinin ileri örnekleri başarıldığından, b) ilk defa VDOİHİ ve Telifli eserlerinde referans bilgisini üreten yazılımlar başarıldığından ve c) yapay zekanın gereksinim duyabileceği dijital teknoloji yerine, sonsuz çalışma prensibine dayalı elektronik teknolojisinin bilimsel-matematiksel yapısı yazar tarafından geliştirildiğinden, insanlığın bugüne kadar uyguladığı teamüller gereği adlandırmanın da Türkçe yapılması elzem ve adil bir zorunluluktur. Bu nedenle insan biyolojisinin ürünü olmayan zeka "yapay zeka" ve insan biyolojisinin ürünü olamayan zekayla insanlığın gelişiminin ivmelendirildiği zaman periyodu da "yapay zeka çağı" olarak adlandırılmalıdır.

Yazar tarafından VDOİHİ'de, Cebirden günümüze; a) bilimsel gelişim, olması gereken veya olabilecek gelişime göre düşük olduğundan, b) teorik çalışmaların omurgasının matematiğe terk edilmesi ve matematikçilerinde üzerlerine düşeni yeterince yerine getirememelerinden dolayı, c) yapay zeka karşısında buhrana düşülmesinin önüne geçilebilmesi ve d) kainatın en kompleks birimi olan insan beynine yakışır bilimsel gelişimin başarılabilmesi için, yasa/eşitliklerin, uyum ve genel yapıları, olasılık üzerinden belirlenmiştir.

Yazar tarafından VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Büyük Farklı Dizilimli Simetrik Olasılık Cilt 2.2.1'de insanlığın bilimsel ve teknolojik gelişimini ivmelendirebilecek uyum çağının tanımı yapılarak, VDOİHİ'de ilk defa yasa/eşitliklerin, olasılık eşitlikleri üzerinden uyum yapıları verilmiştir.

Yazar tarafından VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimsiz Simetrik Olasılık Cilt 2.3.1'de insanlığın bilimsel ve teknolojik gelişimini ivmelendirebilecek genel çağın tanımı yapılarak, VDOİHİ'de yasa/eşitliklerin, olasılık eşitlikleri üzerinden genel yapıları verilmiştir.

Yazar tarafından VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimsiz Simetrik Bulunmama Olasılığı Cilt 2.3.2 insanlığın bilimsel ve teknolojik gelişimini ivmelendirebilecek dördüncü bir çağ olarak, gerçek zaman ufku ötesi çağı tanımlanmıştır. Bu çağın tanımlanmasında; Sertaç ÖZENLİ'nin İlmi Sohbetler eserinin R39-R40 sayfalarından yararlanılarak, kapak sayfasındaki ve T21-T22'inci sayfalarında verilen şuurluluğun ork or modelinin özetinin gösterildiği grafikten yararlanılmıştır. Doğada rastlanmayan fakat kuantum sayılarıyla ulaşılabilen atomlara ait bilgilerimiz, gerçek zaman ufku ötesi bilgilerimizin, gerçekleştirilmiş olanlarıdır. Gerçekleştirilebilecek olanlarından biri ise kainatın herhangi bir yerinde yaşamını sürdüren herhangi bir canlıdan henüz haberdar bile olmadan, var olan genetik bilgi ve matematiğimizle ulaşılabilir olan tüm bilgilerine ulaşılmasıdır.

Özellikle; sonsuz çalışma prensibine dayalı elektronik teknolojisi, yapay zeka, gerçek zaman ufku ötesi bilgilerimizin temel eşitliklerinin verilebilmesi, başlangıçta kurucusu tarafından yapılabileceklerin ilerleyen zamanlarda o disiplinin cazibe merkezine dönüşerek insan kaynaklarının israfının önlenebilmesi nedenleriyle ve en önemlisi Yaradan'ın bizlere verdiği adaletin insan tarafından saptırılamaması için; VDOİHİ, bugüne kadarki eserlerle kıyaslanamayacak ölçüde daha kapsamlı verilmeye çalışılmaktadır.

Yazar VDOİHİ'nin ciltlerini, Türkçe ve insanlığın tek evrensen dili olan matematik-mantık dillerinde yazmaktadır. Yazar eserlerinden insanlığın aynı niteliklerle yararlanabilmesi için her kişiye eşit mesafede ve anlaşılırlıkta olan günümüze kadar insanlığın geliştirebildiği yegane evrensel dilde VDOİHİ ciltlerini yazmaya devam edecektir.

VDOİHİ ve telifli eserleri ile bitirilen veya sonu başlatılanlar;

- ✓ VDOİHİ'de dillerin matematiği kurularak, o dil için kendini mihenk taşı gören zavallılar sınıfı
- ✓ Baskın dillerin, dünya dili olabilmesi
- ✓ VDOİHİ ve Telifli eserlerinde verilen eşitlik ve yasa belirleme yazılımlarıyla, gerçeklerden uzak ve ufuksuz sözde akademisyenlere insanlığın tahammülü
- ✓ Bilim ve teknolojide sermayeye olan bağımlılık
- ✓ Sermaye birikiminin gücü
- ✓ Primitif ölçme ve değerlendirme

Sanırım bilgi ve teknolojideki kaderimiz veriyle ilişkilendirilmiş.

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Simge ve Kısaltmalar

n: olay sayısı

$\boldsymbol{n}$: bağımlı olay sayısı

$\mathbb{m}$: bağımsız olay sayısı

n_i: dağılımın ilk bağımlı durumun bulunabileceği olayın, dağılımın ilk olayından itibaren sırası

n_{ik}: simetride, simetrinin aranacağı durumdan önce bulunan bağımlı durumun ($\mathrm{j_{ik}}$'da bulunan durum), bir bağımlı ve bir bağımsız olasılıklı dağılımlarda bulunabileceği olayların, ilk olaydan itibaren sırası veya simetrinin iki bağımlı durum arasında bağımsız durumun bulunduğunda bağımsız durumdan önceki bağımlı durumun, bir bağımlı ve bir bağımsız olasılıklı dağılımlarda bulunabileceği olayların ilk olaydan itibaren sırası

n_s: simetrinin aranacağı bağımlı durumunun (simetrinin sonuncu bağımlı durumu) bulunabileceği olayların ilk olaya göre sırası

n_{sa}: simetrinin aranacağı bağımlı durumunun bulunabileceği olayların ilk olaya göre sırası veya bağımlı olasılıklı dağılımların $\mathrm{j^{sa}}$'da bulunan durumun (simetrinin $\mathrm{j_{sa}}$' daki bağımlı durum) bir bağımlı ve bir bağımsız olasılıklı dağılımlarda bulunabileceği olayların, dağılımın ilk olayından itibaren sırası

$\imath$: bağımsız durum sayısı

I: simetrinin bağımsız durum sayısı

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

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

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

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

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

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

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

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

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

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

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

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

j^{sa}: 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

$\boldsymbol{n_s}$: simetrinin bağımlı olay sayısı

$\mathbb{m}_I$: simetrinin bağımsız olay sayısı

d: seçim içeriği durum sayısı

m: olasılık

M: olasılık dağılım sayısı

U: uyum eşitliği

u: uyum derecesi

s_i: olasılık dağılımı

S: simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu simetrik olasılık

$S^{İS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu ilk simetrik olasılık

$S^{İSS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu ilk düzgün simetrik olasılık

$S^{İSO}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu ilk düzgün olmayan simetrik olasılık

$S_{j_s, j_{ik}, j^{sa}}$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

$S_{i, j_s, j_{ik}, j^{sa}}$: düzgün ve düzgün olmayan simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{j_s, j_{ik}, j_i}: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{i, j_s, j_{ik}, j_i}: düzgün ve düzgün olmayan simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

$S_{D=\boldsymbol{n}}$: bağımlı olay sayısı bağımlı durum sayısına eşit bağımlı olasılıklı "farklı dizilimli" dağılımlarda simetrik olasılık

$S_{D>\boldsymbol{n}}$: bağımlı olay sayısı bağımlı durum sayısından büyük bağımlı olasılıklı "farklı dizilimli" dağılımlarda simetrik olasılık

${}_{D=\boldsymbol{n}<n}S \equiv S$: simetri bağımlı durumlardan oluştuğunda, bağımlı ve bir bağımsız olasılıklı dağılımlarda simetrik olasılık

S_0: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız simetrik olasılık

$S_0^{\dot{I}S}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız ilk simetrik olasılık

$S_0^{\dot{I}SS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız ilk düzgün simetrik olasılık

$S_0^{\dot{I}SO}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız ilk düzgün olmayan simetrik olasılık

S_D: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı simetrik olasılık

$S_D^{\dot{I}S}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı ilk simetrik olasılık

$S_D^{\dot{I}SS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı ilk düzgün simetrik olasılık

$S_D^{\dot{I}SO}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı ilk düzgün olmayan simetrik olasılık

${}_0S$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu simetrik olasılık

${}_0S^{\dot{I}S}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu ilk simetrik olasılık

${}_0S^{\dot{I}SS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün simetrik olasılık

${}_0S^{\dot{I}SO}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün olmayan simetrik olasılık

${}_0S_0$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız simetrik olasılık

${}_0S_0^{\dot{I}S}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk simetrik olasılık

${}_0S_0^{\dot{I}SS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün simetrik olasılık

${}_0S_0^{\dot{I}SO}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün olmayan simetrik olasılık

${}_0S_D$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı simetrik olasılık

${}_0S_D^{\dot{I}S}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk simetrik olasılık

${}_0S_D^{\dot{I}SS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün simetrik olasılık

${}_0S_D^{\dot{I}SO}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün olmayan simetrik olasılık

${}^0S$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu simetrik olasılık

${}^{0}S^{İs}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu ilk simetrik olasılık

${}^{0}S^{İss}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu ilk düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu ilk düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu ilk düzgün simetrik olasılık

${}^{0}S^{İso}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu ilk düzgün olmayan simetrik olasılık

${}^{0}S_0$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımsız simetrik olasılık

${}^{0}S_0^{İs}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı bir bağımlı-bir bağımsız bağımsız ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı bağımlı-bir bağımsız bağımsız ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı bir bağımlı-bağımsız bağımsız ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı bağımlı-bağımsız bağımsız ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı bağımsız-bağımsız bağımsız ilk simetrik olasılık

${}^{0}S_{0}^{\dot{I}SS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız ilk düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız ilk düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımsız ilk düzgün simetrik olasılık

${}^{0}S_{0}^{\dot{I}SO}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılık

${}^{0}S_{D}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı durumlu simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı simetrik olasılık

${}^{0}S_{D}^{\dot{I}S}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı ilk simetrik olasılık

${}^{0}S_{D}^{\dot{I}SS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı ilk düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı ilk düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı ilk düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı ilk düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı ilk düzgün simetrik olasılık

${}^{0}S_{D}^{İSO}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı ilk düzgün olmayan simetrik olasılık

S_{j_i}: simetrinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{2,j_i}: iki durumlu simetrinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{i,j_i}: düzgün ve düzgün olmayan simetrinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

$S_{i,2,j_i}$: düzgün ve düzgün olmayan iki durumlu simetrinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{j_s,j_i}: simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{i,j_s,j_i}: düzgün ve düzgün olmayan simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

$S_{i,2,j_s,j_i}$: düzgün ve düzgün olmayan iki durumlu simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

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

$S_{i,j_s,j^{sa}}$: düzgün ve düzgün olmayan simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{j_{ik},j_i}: simetrinin her durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{i,j_{ik},j_i}: düzgün ve düzgün olmayan simetrinin her durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

$S_{j^{sa}\Leftarrow}$: simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j^{sa}}^{DSD}$: simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimli düzgün simetrik olasılık

$S_{art\,j^{sa}\Leftarrow}$: simetrinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j_s,art\,j^{sa}\Leftarrow}$: simetrinin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık p

$S_{j_s,j_i\Leftarrow}$: simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

S_{j_s,j_i}^{DSD}: simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün simetrik olasılık

$S_{j_s,j^{sa}\Leftarrow}$: simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j_s,j^{sa}}^{DSD}$: simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün simetrik olasılık

$S_{j_{ik},j^{sa}\Leftarrow}$: simetrinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j_{ik},j^{sa}}^{DSD}$: simetrinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimli düzgün simetrik olasılık

$S_{j_s,j_{ik},j^{sa}\Leftarrow}$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j_s,j_{ik},j^{sa}}^{DSD}$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün simetrik olasılık

$S_{\Leftarrow j_s,j_{ik},j^{sa}\Leftarrow}$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j_s,j_{ik},j_i\Leftarrow}$: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

S_{j_s,j_{ik},j_i}^{DSD}: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün simetrik olasılık

$S_{\Leftarrow j_s,j_{ik},j_i\Leftarrow}$: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j^{sa}\Rightarrow}$: simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik ayrım olasılığı

$S_{art\,j^{sa}\Rightarrow}$: simetrinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimli simetrik ayrım olasılığı

$S_{j_s,art\,j^{sa}\Rightarrow}$: simetrinin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik ayrım olasılığı

$S_{j_s,j_i\Rightarrow}$: simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik ayrım olasılığı

$S_{j_s,j^{sa}\Rightarrow}$: simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik ayrım olasılığı

$S_{j_{ik},j^{sa}\Rightarrow}$: simetrinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik ayrım olasılığı

$S_{j_s,j_{ik},j^{sa}\Rightarrow}$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik ayrım olasılığı

$S^{DOSD}_{j_s,j_{ik},j^{sa}}$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

$S_{\Rightarrow j_s,j_{ik},j^{sa}\Rightarrow}$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimli simetrik ayrım olasılığı

$S_{j_s,j_{ik},j_i\Rightarrow}$: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik ayrım olasılığı

$S^{DOSD}_{j_s,j_{ik},j_i}$: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

$S_{\Rightarrow j_s,j_{ik},j_i\Rightarrow}$: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimli simetrik ayrım olasılığı

$S_{j^{sa}\Leftrightarrow}$: simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı olasılığı

$S^{DOSD}_{j^{sa}}$: simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

$S_{art\,j^{sa}\Leftrightarrow}$: simetrinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı olasılığı

$S_{j_s,art\,j^{sa}\Leftrightarrow}$: simetrinin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı olasılığı

$S_{j_s,j_i\Leftrightarrow}$: simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı olasılığı

$S^{DOSD}_{j_s,j_i}$: simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

$S_{j_s,j^{sa}\Leftrightarrow}$: simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı olasılığı

$S^{DOSD}_{j_s,j^{sa}}$: simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

$S_{j_{ik},j^{sa}\Leftrightarrow}$: simetrinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı olasılığı

$S^{DOSD}_{j_{ik},j^{sa}}$: simetrinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

S_{BBj_i}: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımlı durumun simetrinin son durumuna bağlı simetrik olasılık

$S_{BBj^{sa}\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin bir bağımlı durumuna bağlı simetrik bitişik olasılık

$S_{BBj_{ik},j^{sa}\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin iki bağımlı durumuna bağlı simetrik bitişik olasılık

$S_{BBj_s,j^{sa}\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin ilk ve herhangi bir bağımlı durumuna bağlı simetrik bitişik olasılık

$S_{BBj_s,j_i\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin ilk ve son bağımlı durumuna bağlı simetrik bitişik olasılık

$S_{BBj_s,j_{ik},j^{sa}\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin ilk ve herhangi iki bağımlı durumuna bağlı simetrik bitişik olasılık

$S_{BBj_s,j_{ik},j_i\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin ilk herhangi bir ve son bağımlı durumuna bağlı simetrik bitişik olasılık

$S_{BBj^{sa}\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin bir bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BBj_{ik},j^{sa}\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin art arda iki bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BBj_s,j^{sa}\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin ilk ve herhangi bir bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BBj_s,j_i\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin ilk ve son bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BBj_{ik},j_i,2}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın simetrinin iki bağımlı durumunun simetrik olasılığı

$S_{BBj_s,j_{ik},j^{sa}\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin ilk ve herhangi iki bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BBj_s,j_{ik},j_i\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin ilk herhangi bir ve son bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BB(j_{ik})_z,(j_i)_z}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın simetrinin durumlarının bulunabileceği olaylara göre simetrik olasılık

S^B: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu simetrik bulunmama olasılığı

$S^{İS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu ilk simetrik bulunmama olasılığı

$S^{İSS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu ilk düzgün simetrik bulunmama olasılığı

$S^{İSO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu ilk düzgün olmayan simetrik bulunmama olasılığı

S_0^B: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız simetrik bulunmama olasılığı

$S_0^{İS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız ilk simetrik bulunmama olasılığı

$S_0^{\text{İ}SS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı

$S_0^{\text{İ}SO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı

S_D^B: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumun bağımlı simetrik bulunmama olasılığı

$S_D^{\text{İ}S,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı ilk simetrik bulunmama olasılığı

$S_D^{\text{İ}SS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı

$S_D^{\text{İ}SO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı

${}_0S^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu simetrik bulunmama olasılığı

${}_0S^{\text{İ}S,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu ilk simetrik bulunmama olasılığı

${}_0S^{\text{İ}SS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün simetrik bulunmama olasılığı

${}_0S^{\text{İ}SO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün olmayan simetrik bulunmama olasılığı

${}_0S_0^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız simetrik bulunmama olasılığı

${}_0S_0^{\text{İ}S,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk simetrik bulunmama olasılığı

${}_0S_0^{\text{İ}SS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı

${}_0S_0^{\text{İ}SO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı

${}_0S_D^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı simetrik bulunmama olasılığı

${}_0S_D^{\text{İ}S,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk simetrik bulunmama olasılığı

${}_0S_D^{\text{İ}SS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı

${}_0S_D^{\text{İ}SO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı

${}^0S^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu simetrik bulunmama olasılığı

$^{0}S^{\dot{I}S,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu ilk simetrik bulunmama olasılığı

$^{0}S^{\dot{I}SS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu ilk düzgün simetrik bulunmama olasılığı

$^{0}S^{\dot{I}SO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı

$^{0}S_{0}^{B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımsız simetrik bulunmama olasılığı

${}^{0}S_{0}^{\text{İ}S,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı bir bağımlı-bir bağımsız bağımsız ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı bağımlı-bir bağımsız bağımsız ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı bir bağımlı-bağımsız bağımsız ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı bağımlı-bağımsız bağımsız ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı bağımsız-bağımsız bağımsız ilk simetrik bulunmama olasılığı

${}^{0}S_{0}^{\text{İ}SS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı

${}^{0}S_{0}^{\text{İ}SO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı

${}^{0}S_{D}^{B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı durumlu simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı simetrik bulunmama olasılığı

${}^{0}S_{D}^{\text{İ}S,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı ilk simetrik bulunmama olasılığı

${}^{0}S_{D}^{\dot{I}SS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı

${}^{0}S_{D}^{\dot{I}SO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı

${}^{1}S_{1}^{1}$: bir olay için bir durumun tek simetrik olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı durumun bağımlı tek simetrik olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir olay için bir bağımlı durumun tek simetrik olasılığı

${}^{1}S_{1}^{1,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir olay için bir bağımlı durumun tek simetrik bulunmama olasılığı

${}_{1}^{1}S_{1}^{1}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir dizilimin bağımlı tek simetrik olasılık

${}_{D}^{1}S_{1}^{1}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir olay için bağımlı tek simetrik olasılık

${}_{0}^{1}S_{1}^{1}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir olay için bağımsız tek simetrik olasılık

${}_{0}^{1}S_{1}^{1,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir olay için bağımsız tek simetrik bulunmama olasılığı

${}_{0,1}^{\;\;1}S_{1}^{1}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir dizilimin bağımsız tek simetrik olasılığı

${}_{0,1t}^{\;\;\;1}S_{1}^{1}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı durumun bağımsız tek simetrik olasılığı

${}_{0,T}^{\;\;1}S_{1}^{1}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımın başladığı duruma göre tek simetrik olasılık

S_T: toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu toplam simetrik olasılık

${}^1S$: tek simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu tek simetrik olasılık

${}^1S^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu tek simetrik bulunmama olasılığı

${}_0S^{BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte simetrik olasılık

${}_0S^{\text{İ}S,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk simetrik olasılık

${}_0S^{\text{İ}SS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk düzgün simetrik olasılık

${}_0S^{\text{İ}SO,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk düzgün olmayan simetrik olasılık

${}_0S_0^{BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte simetrik olasılık

${}_0S_0^{\text{İ}S,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk simetrik olasılık

${}_0S_0^{\text{İ}SS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk düzgün simetrik olasılık

${}_0S_0^{\text{İ}SO,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk düzgün olmayan simetrik olasılık

${}_0S_D^{BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte simetrik olasılık

${}_0S_D^{\text{İ}S,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte ilk simetrik olasılık

${}_0S_D^{\text{İ}SS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte ilk düzgün simetrik olasılık

${}_0S_D^{\text{İ}SO,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte ilk düzgün olmayan simetrik olasılık

$S_{0,T}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız toplam simetrik olasılık

$S_{D,T}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı toplam simetrik olasılık

${}_0S_T$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu toplam simetrik olasılık

${}_0S_{0,T}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız toplam simetrik olasılık

${}_0S_{D,T}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı toplam simetrik olasılık

${}^0S_T$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu toplam simetrik olasılık

${}^{0}S_{0,T}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız toplam simetrik olasılık eşitliği veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımsız toplam simetrik olasılık

${}^{0}S_{D,T}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı toplam simetrik olasılık

${}_{0}S^{BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte simetrik bulunmama olasılığı

${}_{0}S^{\text{İ}S,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk simetrik bulunmama olasılığı

${}_{0}S^{\text{İ}SS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk düzgün simetrik bulunmama olasılığı

${}_{0}S^{\text{İ}SO,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk düzgün olmayan simetrik bulunmama olasılığı

${}_{0}S_{0}^{BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte simetrik bulunmama olasılığı

${}_{0}S_{0}^{\text{İ}S,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk simetrik bulunmama olasılığı

${}_{0}S_{0}^{\text{İ}SS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk düzgün simetrik bulunmama olasılığı

${}_{0}S_{0}^{\text{İ}SO,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk düzgün olmayan simetrik bulunmama olasılığı

${}_{0}S_{D}^{BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte simetrik bulunmama olasılığı

${}_{0}S_{D}^{\text{İ}S,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte ilk simetrik bulunmama olasılığı

${}_{0}S_{D}^{\text{İ}SS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte ilk düzgün simetrik bulunmama olasılığı

${}_{0}S_{D}^{\text{İ}SO,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte ilk düzgün olmayan simetrik bulunmama olasılığı

S_T^B: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu toplam simetrik bulunmama olasılığı

$S_{0,T}^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız toplam simetrik bulunmama olasılığı

$S_{D,T}^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı toplam simetrik bulunmama olasılığı

${}_0S_T^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu toplam simetrik bulunmama olasılığı

${}_0S_{0,T}^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız toplam simetrik bulunmama olasılığı

${}_0S_{D,T}^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı toplam simetrik bulunmama olasılığı

${}^0S_T^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu toplam simetrik bulunamama olasılığı

${}^0S_{0,T}^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımsız toplam simetrik bulunmama olasılığı

${}^0S_{D,T}^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı toplam simetrik bulunmama olasılığı

E

Durum Sayısı Olay Sayısından Küçük veya Bağımlı ve Bir Bağımsız Olasılık Dağılımları

E1 Farklı Dizilimli

- **Olasılık**
- **Olasılık Dağılım Sayısı**
- **Simetri Hesabı**
- **Olasılık Dağılımları**

E2 Farklı Dizilimsiz

- **Olasılık**
- **Olasılık Dağılım Sayısı**
- **Simetri Hesabı**
- **Olasılık Dağılımları**

DURUM SAYISI OLAY SAYISINDAN KÜÇÜK DAĞILIMLAR

Bir önceki bölümde bağımlı durum sayısı bağımlı olay sayısına eşit ve bağımsız olasılıklı bir dağılımla oluşturulabilecek dağılımların, olasılık dağılım sayısı, olasılık ve simetrik olasılıkları incelendi. Bağımlı durum sayısı bağımlı olay sayısına eşit olduğunda farklı dizilimsiz bir dağılım elde edilebileceğinden ve bu dağılımın bağımsız olasılıklı bir dağılımıyla elde edilebilecek farklı dizilimsiz olasılık dağılımları farklı dizilimli bir dağılım ve bağımsız olasılıklı bir dağılıma eşit olacağından farklı dizilimsiz dağılımlar incelenmedi. Bu bölümde ise bağımlı durum sayısı bağımlı olay sayısından büyük ve bağımsız olasılıklı bir dağılımla (bağımlı durumlardan farklı bir durumun bağımsız olasılıklı seçimiyle) oluşturulabilecek dağılımlar, farklı dizilimli ve farklı dizilimsiz dağılımlarla incelenecektir. Bölüm D'de olduğu gibi bu bölümün de hem farklı dizilimli hem de farklı dizilimsiz dağılımlarının seçim içeriği durum sayısı bir $(d = 1)$ olan dağılımların, bağımlı ve bir bağımsız olasılıklı dağılımları incelenecektir. Bu dağılımlar, bağımsız olasılıklı dağılımların bir dağılımıyla (aynı bağımsız durumun) veya bağımlı durumlardan farklı bir durumun bağımsız olasılıklı seçimiyle elde edilebildiğinden, bir bağımsız olasılıklı denilecektir. Bu bölümü, bir önceki bölümden ayırabilmek için farklı dizilimli dağılımlar ve bir bağımsız olasılıklı dağılımla elde edilebilecek dağılımların tanımlamalarında *bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli* tanımlaması kullanılacaktır. Farklı dizilimsiz dağılımlar ve bir bağımsız olasılıklı dağılımla elde edilebilecek dağılımların tanımlamalarında ise *bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz* tanımlaması kullanılacaktır. Bu bölümün hem farklı dizilimli hem farklı dizilimsiz dağılımlarında da durum sayısı (bağımlı) olay sayısından küçük $(D < n)$ olabilir. Fakat böyle bir sınırlama yoktur, çünkü bağımlı ve bir bağımsız olasılıklı büyük dağılımlar, bağımlı durumların kendinden daha az bağımlı olaya dağılımı ve bir bağımsız olasılıklı dağılımla elde edilebilen dağılımlardır. Durum sayısı olay sayısından büyük olduğunda yine durum sayısı olay sayısından küçük dağılımlar tanımlaması kullanılacaktır. Bu bölüm iki farklı alt bölümde verilecektir. Farklı dizilimli dağılımlar E1 alt bölümünde, farklı dizilimsiz dağılımlar ise E2 alt bölümünde incelenecektir. Her iki alt bölüm eşitliklerinin çıkarılmasında VDOİHİ'nin önceki bölümlerinde verilen eşitliklerden yararlanılarak yeni eşitlikler elde edilebilecektir.

E1

Bağımlı ve Bir Bağımsız Olasılıklı Büyük Farlı Dizilimli Dağılımlar

- **Olasılık**
- **Olasılık Dağılım Sayısı**
- **Simetri Hesabı**
- **Olasılık Dağılımları**

BAĞIMLI ve BİR BAĞIMSIZ OLASILIKLI BÜYÜK FARKLI DİZİLİMLİ DAĞILIMLAR

Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlar, bağımlı durumların kendi sayılarından az bağımlı olaylara yapılabilecek her bir dağılımının bir bağımsız olasılıklı dağılımıyla veya durum sayısından büyük olaylara dağılımıyla elde edilebilir. Aynı dağılımlar, durumlardan birinin bağımsız olaylara bağımsız olasılıklı seçimi ve kalan durumların, kendi sayılarından az bağımlı olaya bağımlı olasılıklı farklı dizilimli seçimiyle de elde edilebilir. Bu dağılımlardaki bağımlı olasılıklı durumlar her bir dağılımda yalnız bir defa bulunabilir. Bu dağılımlar farklı dizilimli dağılımla elde edilebileceğinden, simetrik olasılıklarla ters simetrik olasılıklar bir birine eşit olur. Toplam simetrik olasılık, simetrik ve ters simetrik olasılığın toplamına eşit olacağından, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda da toplam simetrik olasılık; simetrik ve ters simetrik olasılıkların toplamına eşit olur.

Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda, bağımsız olasılıklı dağılımlar içerisindeki özel dağılımlardır. Bu bölümde çıkarılacak eşitlikler özellikle yapay zeka ve genetik uygulamalarında yaygın kullanımı olabilir. Bu alt bölümün eşitlik ve tanımlamaları, önceki bölümlerde izlenen sıralamada verilecektir.

Bu bölümde, yapılacak her bir seçimde bir durumun belirlenebileceği ***bağımlı durum sayısı bağımlı olay sayısından büyük*** ($D > \boldsymbol{n}$ ***ve*** "$\boldsymbol{n}$: *bağımlı olay sayısı*") seçimlerle elde edilebilecek, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlar incelenecektir. Bu dağılımlarda bulunabilecek simetrik durumlar, dağılımın başladığı durumlara göre ayrı ayrı incelenecektir. Bağımsız durumla başlayan dağılımlar, bağımsız durumdan/lardan sonraki ilk bağımlı durumuna (olasılık dağılımında soldan sağa ilk bağımlı durum) göre sınıflandırılacak ve aynı yöntemle simetri bağımsız durumla başladığında, simetrinin başladığı bağımlı durum belirlenecektir.

Olasılık dağılımları; simetrinin başladığı bağımlı durumla başlayan dağılımlar, simetride bulunmayan bir bağımlı durumla başlayan dağılımlar ve simetride bulunmayan bağımlı durumlarla başlayan dağılımlar olarak sınıflandırılır. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda, bağımlı olasılıklı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlarda olduğu gibi simetride bulunan bağımlı durumlarla başlayan dağılımlardan sadece simetrinin ilk bağımlı durumuyla başlayan dağılımlarda simetrik durumlar bulunabilir.

Olasılık dağılımları ilk bağımlı durumuna göre sınıflandırılacağından, aynı bağımlı durumla başlayan olasılık dağılımları, iki farklı dağılım türünden oluşabilir. Bu dağılım türleri, bağımsız durumla başlayan dağılımlar ve bağımlı durumla başlayan dağılımlardır. Bağımsız durumla başlayan dağılımların ilk bağımlı durumu, simetrinin ilk bağımlı durumu olan dağılımlar, simetrinin ilk bağımlı durumuyla başlayan dağılımlar olarak alınır. Eğer bağımsız durumla başlayan dağılımların ilk bağımlı durumu, simetride bulunmayan aynı bir bağımlı durum olan dağılımlar, simetride bulunmayan bir bağımlı durumla başlayan dağılımlar olarak alınır. Yada bağımsız durumla başlayan dağılımların ilk bağımlı durumu, simetride bulunmayan bağımlı durumlar olan dağılımların tamamı, simetride bulunmayan bağımlı durumlarla başlayan dağılımlar olarak alınır. Bağımlı durumla başlayan dağılımlardan, ilk bağımlı durum, simetrinin ilk bağımlı durumu olan dağılımlar, simetrinin ilk bağımlı durumuyla başlayan dağılımlara dahil edilir. Eğer olasılık dağılımlarından, ilk bağımlı durumu, simetride bulunmayan aynı bağımlı durum olan dağılımlar, simetride bulunmayan bir bağımlı durumla başlayan dağılımlara dahil edilir. Eğer olasılık dağılımlarından, ilk bağımlı durumu, simetride bulunmayan bağımlı durumlar olan dağılımların tümü, simetride bulunmayan bağımlı durumlarla başlayan dağılımlara dahil edilir. Bu iki dağılım türü ilk bağımlı durumlarına göre aynı bağımlı durumlu dağılımları oluşturur. Bu bölümde de iki dağılım türü de aynı bağımlı durumla başlayan dağılımlar altında hem birlikte hem de ayrı ayrı incelenecektir.

Simetri, bağımlı ve/veya bağımsız durumlarının bulunabileceği sıralamaya göre sınıflandırılır. Simetri durumlarına göre; bağımlı durumla başlayıp bağımlı durumla biten (bağımlı-bağımlı veya sadece bağımlı durumlu), bağımsız durumla başlayıp bağımlı durumla biten (bağımsız-bağımlı), bir bağımlı durumla başlayıp bir bağımsız durumla biten (bir bağımlı-bir bağımsız), bağımlı durumla başlayıp bir bağımsız durumla biten (bağımlı-bir bağımsız), bir bağımlı durumla başlayıp bağımsız durumla biten (bir bağımlı-bağımsız), bağımlı durumla başlayıp bağımsız durumla biten (bağımlı-bağımsız) ve bağımsız durumla başlayıp bağımlı durumları bulunup bağımsız durumla biten (bağımsız-bağımlı-bağımsız veya bağımsız-bağımsız) yedi farklı simetri incelemesi ayrı ayrı yapılacaktır.

Simetri, durumlarının bulunduğu sıralamaya göre sınıflandırılarak, hem olasılık dağılımlarının başladığı durumlara göre hem de bunların bağımsız durumla başlayan dağılımları ve bağımlı durumla başlayan dağılımlarına göre; simetrik, düzgün simetrik ve düzgün olmayan simetrik olasılıklar olarak incelenecektir. Bu simetrik olasılıkların inceleneceği ciltlerde birlikte simetrik olasılık eşitlikleri de verilecektir.

Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardaki, simetrik ve düzgün simetrik olasılık eşitlikleri hem olasılık dağılım tablo değerlerinden hem de teorik yöntemle çıkarılabilir. Bu bölümde bir önceki bölümün eşitliklerinin çıkarılmasında izlenen yöntemle yeni eşitlikler çıkarılabileceği gibi bir önceki bölümün eşitliklerinin uyum eşitlikleriyle çarpımı kullanılarak da eşitlikler teorik olarak çıkarılabilecektir. Böylece formül çıkarmada kullanılan yöntem genişletilecektir.

Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardaki, düzgün olmayan simetrik olasılıklar ise sadece teorik yöntemlerle çıkarılacaktır. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımların inceleneceği ciltlerde, bulunmama olasılıklarının eşitlikleri için sadece çıkarılabileceği eşitlikler verilecektir.

SİMETRİNİN İLK BAĞIMLI DURUMUYLA BAŞLAYAN DAĞILIMLARIN DÜZGÜN OLMAYAN SİMETRİK OLASILIĞI

Simetrik olasılık; düzgün simetrik durumların bulunduğu dağılımlar ile düzgün olmayan simetrik durumların bulunduğu dağılımların toplamı veya düzgün simetrik olasılık ile düzgün olmayan simetrik olasılıkların toplamıdır. Düzgün simetrik olasılık, olasılık dağılımlarında simetrinin durumları arasında farklı bir durum bulunmayan ve aynı sayıda bağımsız durum bulunan dağılımların sayısına veya simetrinin durumlarının aynı sıralama sayısında bulunabildiği dağılımların sayısına düzgün simetrik olasılık denir. Simetri, bağımlı ve bağımsız durumlardan oluşabileceğinden, hem simetri hem de düzgün simetrilerin bulunduğu dağılımlarda bağımsız durumun dağılımdaki sırası yerine, simetrideki sayısı dikkate alınır. Olasılık dağılımında simetrinin durumları arasında, simetride bulunmayan bir durumun bulunduğu dağılımlara veya simetrinin durumlarının aynı sıralama sayısında bulunamadığı dağılımlar, düzgün olmayan simetrinin bulunduğu dağılımlardır. Bu dağılımların sayısına düzgün olmayan simetrik olasılık denir.

Bu ciltlerde düzgün olmayan simetrik olasılığın eşitlikleri teorik yöntemle çıkarılacaktır. Düzgün olmayan simetrik olasılık eşitlikleri, aynı şartlı simetrik olasılıktan, aynı şartı düzgün simetrik olasılığın farkından teorik yöntemle elde edilebilir. Bu nedenle ilk düzgün olmayan simetrik olasılık eşitlikleri de aynı şartlı ilk simetrik olasılıktan, aynı şartlı ilk düzgün simetrik olasılığın farkından teorik yöntemle elde edilebilir.

Bağımsız olasılıklı durumla başlayıp sonraki ilk bağımlı durumunda simetrinin ilk bağımlı durumu bulunan dağılımlardaki düzgün olmayan simetrik olasılığın sabit değişkenli işlem uzunluklu eşitliği, aynı şartlı ilk düzgün olmayan simetrik olasılığın sabit değişkenli işlem uzunluklu eşitliğinde n_i üzerinden toplam alımında n yerine $n-1$ yazılmasıyla da teorik yöntemle elde edilebilecektir.

Bağımlı olasılıklı durumla başlayan dağılımlardan, simetrinin ilk bağımlı durumuyla başlayan dağılımlardaki düzgün olmayan simetrik olasılığın eşitliği, aynı şartlı ilk düzgün olmayan simetrik olasılık eşitliğinden, aynı şartlı bağımsız durumlarla başlayan dağılımların ilk düzgün olmayan simetrik olasılık eşitliğinin farkından teorik yöntemle elde edilebileceği gibi aynı şartlı ilk düzgün olmayan simetrik olasılığın sabit değişkenli işlem uzunluklu eşitliğinde n_i üzerinden toplam alımında n_i yerine toplam alınmadan n yazılmasıyla da teorik yöntemle elde edilebilecektir.

Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, simetrinin ilk bağımlı durumuyla başlayan dağılımların düzgün olmayan simetrik olasılık eşitliklerinin tamamı aynı şartlı bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımların ilk düzgün olmayan simetrik olasılık eşitliklerinden de elde edilebilir.

Bu ciltte bir bağımlı-bağımsız ve bağımlı-bağımsız durumlu simetrilerin, bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetrinin ilk bağımlı durumu bulunan dağılımlardaki, ilk düzgün olmayan simetrik ve ilk düzgün olmayan simetrik bulunmama olasılığının eşitlikleri verilecektir.

BAĞIMSIZ DURUMLA BAŞLAYAN DAĞILIMLARDA BİR BAĞIMLI-BAĞIMSIZ DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİ

Simetri bir bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde $\{1,0,0,0\}$, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, bağımsız durumdan sonraki ilk bağımlı durumun simetrinin bağımlı durumu olan dağılımlardaki düzgün olmayan simetrik olasılıklar; bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk simetrik olasılıktan, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün simetrik olasılığın farkına eşit olur. Simetri bir bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde, bağımsız durumla başlayıp sonraki ilk bağımlı durum simetrinin bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısı için,

$$ {}^{0}S_{0}^{\dot{I}SO} = {}^{0}S_{0}^{\dot{I}S} - {}^{0}S_{0}^{\dot{I}SS} $$

ve eşitliğin sağındaki terimlerin, bağımsız durumlarla bittiğindeki $\{1,0,0,0\}$ eşitleri yazıldığında,

$$ {}^{0}S_{0}^{\dot{I}SO} = \frac{(D+I-\boldsymbol{s})!}{(D+\iota-n)!}\cdot\frac{(n-1)!}{(\iota-I-1)!}\cdot\left(\sum_{i=\boldsymbol{s}-I}^{n-\iota}\mp\frac{(i+\iota-I-1)!}{i!\cdot(i+\iota-1)!\cdot(n-\iota-i)!}\right)- \frac{(D+I-\boldsymbol{s})!}{(D+\iota-n)!}\cdot\frac{1}{(n+I-\iota-\boldsymbol{s}+1)!}\cdot\frac{(n-\boldsymbol{s})!}{(\iota-I-1)!} $$

$$ I = \boldsymbol{I} $$

veya bu eşitlikteki durum sayısı yerine $n-\iota=\boldsymbol{n}$ yazıldığında

$$ {}^{0}S_{0}^{\dot{I}SO} = \frac{(D+I-\boldsymbol{s})!}{(D-\boldsymbol{n})!}\cdot\frac{(n-1)!}{(\iota-I-1)!}\cdot\left(\sum_{i=\boldsymbol{s}-I}^{\boldsymbol{n}}\mp\frac{(i+\iota-I-1)!}{i!\cdot(i+\iota-1)!\cdot(\boldsymbol{n}-i)!}\right)- \frac{(D+I-\boldsymbol{s})!}{(D-\boldsymbol{n})!}\cdot\frac{1}{(\boldsymbol{n}+I-\boldsymbol{s}+1)!}\cdot\frac{(n-\boldsymbol{s})!}{(\iota-I-1)!} $$

veya

$$ {}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D+\iota-n)!}\cdot\frac{(n-1)!}{(\iota-I-1)!}\cdot\left(\sum_{i=s}^{n-\iota}\mp\frac{(i+\iota-I-1)!}{i!\cdot(i+\iota-1)!\cdot(n-\iota-i)!}\right)- \frac{(D-s)!}{(D+\iota-n)!}\cdot\frac{1}{(n-\iota-s+1)!}\cdot\frac{(n-s-I)!}{(\iota-I-1)!} $$

ve $s=1$ olacağından,

$$ {}^{0}S_{0}^{\dot{I}so} = \frac{(D-1)!}{(D+\imath-n)!}\cdot\frac{(n-1)!}{(\imath-I-1)!}\cdot\left(\sum_{i=1}^{n-\imath}\mp\frac{(i+\imath-I-1)!}{i!\cdot(i+\imath-1)!\cdot(n-\imath-i)!}\right)- \frac{(D-1)!}{(D+\imath-n)!}\cdot\frac{1}{(n-\imath)!}\cdot\frac{(n-I-1)!}{(\imath-I-1)!} $$

veya

$$ {}^{0}S_{0}^{\dot{I}so} = \frac{(D-1)!}{(D-\boldsymbol{n})!}\cdot\frac{(n-1)!}{(\imath-I-1)!}\cdot\left(\sum_{i=1}^{\boldsymbol{n}}\mp\frac{(i+\imath-I-1)!}{i!\cdot(i+\imath-1)!\cdot(\boldsymbol{n}-i)!}\right)- \frac{(D-1)!}{(D-\boldsymbol{n})!}\cdot\frac{1}{\boldsymbol{n}!}\cdot\frac{(n-I-1)!}{(\imath-I-1)!} $$

veya

$$ {}^{0}S_{0}^{\dot{I}so} = \frac{(D-1)!}{(D-\boldsymbol{n})!}\cdot\sum_{(n_i=\boldsymbol{n}+\boldsymbol{I})}^{n-1} \left(\frac{(n_i-1)!}{(n_i-\boldsymbol{n})!\cdot(\boldsymbol{n}-1)!}-\frac{(n_i-\boldsymbol{I}-1)!}{(n_i-\boldsymbol{n}-\boldsymbol{I})!\cdot(\boldsymbol{n}-1)!}\right) $$

veya

$$ {}^{0}S_{0}^{\dot{I}so} = \frac{(D-1)!}{(D-\boldsymbol{n})!}\cdot\sum_{n_i=\boldsymbol{n}+\boldsymbol{I}}^{n-1}\sum_{i=\boldsymbol{I}+1}^{\boldsymbol{n}+\boldsymbol{I}-j} \frac{(n_i-i-1)!}{(\boldsymbol{n}+\boldsymbol{I}-i-1)!\cdot(n_i-\boldsymbol{n}-\boldsymbol{I})!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!} $$

eşitlikleri elde edilir. Bu eşitliklere bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda, simetri bir bağımlı durumla başlayıp bağımsız durumlarla bittiğinde; bağımsız durumla başlayıp ilk bağımlı durumu simetrinin bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılık*** denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılık ${}^{0}S_{0}^{\dot{I}so}$ ile gösterilecektir.

$D \geq \boldsymbol{n} < n \wedge s = 1 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = I + 1 \Rightarrow$

$$ {}^{0}S_0^{\text{iSO}} = \frac{(D+I-\boldsymbol{s})!}{(D+\iota-n)!} \cdot \frac{(n-1)!}{(\iota-I-1)!} \cdot \left(\sum_{i=\boldsymbol{s}-I}^{n-\iota} \mp \frac{(i+\iota-I-1)!}{i! \cdot (i+\iota-1)! \cdot (n-\iota-i)!} \right) - $$

$$ \frac{(D+I-\boldsymbol{s})!}{(D+\iota-n)!} \cdot \frac{1}{(n+I-\iota-\boldsymbol{s}+1)!} \cdot \frac{(n-\boldsymbol{s})!}{(\iota-I-1)!} $$

$D \geq \boldsymbol{n} < n \wedge s = 1 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = I + 1 \Rightarrow$

$$ {}^{0}S_0^{\text{iSO}} = \frac{(D+I-\boldsymbol{s})!}{(D-\boldsymbol{n})!} \cdot \frac{(n-1)!}{(\iota-I-1)!} \cdot \left(\sum_{i=\boldsymbol{s}-I}^{\boldsymbol{n}} \mp \frac{(i+\iota-I-1)!}{i! \cdot (i+\iota-1)! \cdot (\boldsymbol{n}-i)!} \right) - $$

$$ \frac{(D+I-\boldsymbol{s})!}{(D-\boldsymbol{n})!} \cdot \frac{1}{(\boldsymbol{n}+I-\boldsymbol{s}+1)!} \cdot \frac{(n-\boldsymbol{s})!}{(\iota-I-1)!} $$

$D \geq \boldsymbol{n} < n \wedge s = 1 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = I + 1 \Rightarrow$

$$ {}^{0}S_0^{\text{iSO}} = \frac{(D-1)!}{(D+\iota-n)!} \cdot \frac{(n-1)!}{(\iota-I-1)!} \cdot \left(\sum_{i=1}^{n-\iota} \mp \frac{(i+\iota-I-1)!}{i! \cdot (i+\iota-1)! \cdot (n-\iota-i)!} \right) - $$

$$ \frac{(D-1)!}{(D+\iota-n)!} \cdot \frac{1}{(n-\iota)!} \cdot \frac{(n-I-1)!}{(\iota-I-1)!} $$

$D \geq \boldsymbol{n} < n \wedge s = 1 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = I + 1 \Rightarrow$

$$ {}^{0}S_0^{\text{iSO}} = \frac{(D-1)!}{(D-\boldsymbol{n})!} \cdot \frac{(n-1)!}{(\iota-I-1)!} \cdot \left(\sum_{i=1}^{\boldsymbol{n}} \mp \frac{(i+\iota-I-1)!}{i! \cdot (i+\iota-1)! \cdot (\boldsymbol{n}-i)!} \right) - $$

$$ \frac{(D-1)!}{(D-\boldsymbol{n})!} \cdot \frac{1}{\boldsymbol{n}!} \cdot \frac{(n-I-1)!}{(\iota-I-1)!} $$

$D \geq \boldsymbol{n} < n \wedge s = 1 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = I + 1 \Rightarrow$

$$ {}^{0}S_0^{\text{iSO}} = \frac{(D-1)!}{(D-\boldsymbol{n})!} \cdot \sum_{(n_i=\boldsymbol{n}+\boldsymbol{I})}^{n-1} $$

$$ \left(\frac{(n_i-1)!}{(n_i-\boldsymbol{n})! \cdot (\boldsymbol{n}-1)!} - \frac{(n_i-\boldsymbol{I}-1)!}{(n_i-\boldsymbol{n}-\boldsymbol{I})! \cdot (\boldsymbol{n}-1)!} \right) $$

$D \geq \boldsymbol{n} < n \wedge s = 1 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = I + 1 \Rightarrow$

$$ {}^{0}S_0^{\text{iSO}} = \frac{(D-1)!}{(D-\boldsymbol{n})!} \cdot \sum_{n_i=\boldsymbol{n}+I}^{n-1} \sum_{i=\boldsymbol{I}+1}^{\boldsymbol{n}+\boldsymbol{I}-j} $$

$$ \frac{(n_i-i-1)!}{(\boldsymbol{n}+\boldsymbol{I}-i-1)! \cdot (n_i-\boldsymbol{n}-\boldsymbol{I})!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} $$

BAĞIMSIZ DURUMLA BAŞLAYAN DAĞILIMLARDA BAĞIMLI-BAĞIMSIZ DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİ

Simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde $\{1,2,0,0,3,0,0,0\}$ veya $\{1,2,3,0,0,0\}$, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, bağımsız durumdan sonraki ilk bağımlı durumun simetrinin ilk bağımlı durumu olan dağılımlardaki düzgün olmayan simetrik olasılıklar; bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk simetrik olasılıktan, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün simetrik olasılığın farkına eşit olur. Simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde, bağımsız durumla başlayıp sonraki ilk bağımlı durum simetrinin ilk bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısı için,

$$ {}^{0}S_{0}^{İSO} = {}^{0}S_{0}^{İS} - {}^{0}S_{0}^{İSS} $$

ve eşitliğin sağındaki terimlerin, aynı şartlı bağımlı durumla başlayıp, bağımsız durumlarla bittiğindeki $\{1,2,3,0,0,0\}$ eşitleri yazıldığında,

$$ {}^{0}S_{0}^{İSO} = \frac{(D+I-\boldsymbol{s})!}{(D-\boldsymbol{n})!} \cdot \frac{(n-1)!}{(\imath-I-1)!} \cdot \left(\sum_{i=\boldsymbol{s}-I}^{\boldsymbol{n}} \mp \frac{(i+\imath-I-1)!}{i! \cdot (i+\imath-1)! \cdot (\boldsymbol{n}-i)!} \right) - \frac{(D+I-\boldsymbol{s})!}{(D-\boldsymbol{n})!} \cdot \frac{1}{(\boldsymbol{n}+I-\boldsymbol{s}+1)!} \cdot \frac{(n-\boldsymbol{s})!}{(\imath-I-1)!} $$

veya bu eşitlikteki durum sayısı yerine $\boldsymbol{n} = n - \imath$ yazıldığında

$$ {}^{0}S_{0}^{İSO} = \frac{(D+I-\boldsymbol{s})!}{(D+\imath-n)!} \cdot \frac{(n-1)!}{(\imath-I-1)!} \cdot \left(\sum_{i=\boldsymbol{s}-I}^{n-\imath} \mp \frac{(i+\imath-I-1)!}{i! \cdot (i+\imath-1)! \cdot (n-\imath-i)!} \right) - \frac{(D+I-\boldsymbol{s})!}{(D+\imath-n)!} \cdot \frac{1}{(n+I-\imath-\boldsymbol{s}+1)!} \cdot \frac{(n-\boldsymbol{s})!}{(\imath-I-1)!} $$

veya

$$ {}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \frac{(n-1)!}{(\imath-I-1)!} \cdot \left(\sum_{i=s}^{\boldsymbol{n}} \mp \frac{(i+\imath-I-1)!}{i! \cdot (i+\imath-1)! \cdot (\boldsymbol{n}-i)!} \right) - \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \frac{1}{(\boldsymbol{n}-s+1)!} \cdot \frac{(n-s-I)!}{(\imath-I-1)!} $$

veya

$$ {}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D+\iota-n)!} \cdot \frac{(n-1)!}{(\iota-I-1)!} \cdot \left(\sum_{i=s}^{n-\iota} \mp \frac{(i+\iota-I-1)!}{i! \cdot (i+\iota-1)! \cdot (n-\iota-i)!} \right) - \frac{(D-s)!}{(D+\iota-n)!} \cdot \frac{1}{(n-\iota-s+1)!} \cdot \frac{(n-s-I)!}{(\iota-I-1)!} $$

ayrıca simetrinin bağımlı durumları arasında bağımsız durum bulunmadan bağımsız durumlarla bittiğinde $\{1, 2, 3, 0, 0, 0\}$ ise,

$$ {}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \Bigg(\sum_{j=s} \sum_{(n_i=\boldsymbol{n}+I)}^{n-1} \sum_{n_s=n_i-j+1} \sum_{(i=\boldsymbol{I}+1)}^{\boldsymbol{n}+\boldsymbol{I}-j} \frac{(n_s-i-1)!}{(n_s+j-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} + $$

$$ \sum_{j=s} \sum_{(n_i=\boldsymbol{n}+I)}^{n-1} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j+1}^{n_i-j} \sum_{(i=\boldsymbol{I}+1)}^{\boldsymbol{n}+\boldsymbol{I}-j} \frac{(n_i-n_s-1)!}{(j-2)! \cdot (n_i-n_s-j+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j)!} + \frac{(n_s-i-1)!}{(n_s+j-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) + $$

$$ \sum_{j=s+1}^{\boldsymbol{n}} \sum_{(n_i=\boldsymbol{n}+I)}^{n-1} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j+1}^{n_i-j+1} \sum_{(i=\boldsymbol{I}+1)}^{\boldsymbol{n}+\boldsymbol{I}-j} \frac{(j-2)!}{(j-s)! \cdot (s-2)!} \cdot \frac{(n_i-n_s-1)!}{(j-2)! \cdot (n_i-n_s-j+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j)!} + \frac{(n_s-i-1)!}{(n_s+j-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) \Bigg) $$

ayrıca simetri bağımlı durumla başlayıp bağımlı durumları arasında bağımsız durum bulunup bağımlı durumdan sonra bağımsız durumlarla bittiğinde $\{1, 2, 0, 0, 3, 0, 0, 0\}$ ise,

$$ {}^{0}S_{0}^{\dot{I}SO} = \prod_{z=3}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1 \vee \boldsymbol{n})} $$

$$ \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1} \sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}\Bbbk_i-(j_i)_1 \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=2}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}\Bbbk_i+1\right)} $$

$$\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\mathbb{k}_i-(j_{ik})_{z-1}\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=z-1}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\mathbb{k}_i}$$

$$\sum_{\left((n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}\mathbb{k}_i-(j_i)_{z-1}\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=z}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_i)_{z-1}+1\right)}^{\left((n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\mathbb{k}_i\right)}$$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!}\cdot\frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!}\cdot\frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!}\cdot$$

$$\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)!\cdot(n_i-(n_{ik})_1-(j_i)_1+1)!}\cdot$$

$$\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)!\cdot((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!}\cdot$$

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

$$\prod_{z=3}^{s}\sum_{((j_i)_1=2)}^{(\ )}\sum_{(j_{ik})_{z-1}=z-1}\sum_{((j_i)_{z-1}=z\vee z=s\Rightarrow s)}^{(\ )}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{\boldsymbol{n}-1}\sum_{\left((n_{ik})_1=n_i-(j_i)_1-\sum_{i=1}\mathbb{k}_i+1\right)}^{(\ )}$$

$$\sum_{(n_{ik})_{z-1}=(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\mathbb{k}_i}$$

$$\sum_{\left((n_s)_{z-1}=(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\mathbb{k}_i\right)}^{(\ )}$$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!}\cdot\frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!}\cdot\frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!}\cdot$$

$$\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)!\cdot(n_i-(n_{ik})_1-(j_i)_1+1)!}\cdot$$

$$\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)!\cdot((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!}\cdot$$

$$\frac{((n_s)_{z=s} - \boldsymbol{I} - 1)!}{((n_s)_{z=s} + (j_i)_{z=s} - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - (j_i)_{z=s})!}$$

$${}^{0}S_{0}^{\text{iso}} = \prod_{z=3}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1 \vee \boldsymbol{n})}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}\mathbb{k}_i-(j_i)_1 \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=2}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}\mathbb{k}_i+1\right)}$$

$$\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\mathbb{k}_i-(j_{ik})_{z-1} \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z-1}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\mathbb{k}_i}$$

$$\sum_{\left((n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}\mathbb{k}_i-(j_i)_{z-1} \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_i)_{z-1}+1\right)}^{\left((n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\mathbb{k}_i-1\right)}$$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!} \cdot$$

$$\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n_i-(n_{ik})_1-(j_i)_1+1)!} \cdot$$

$$\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)! \cdot ((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!} \cdot$$

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

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$${}^{0}S_{0}^{\text{iso}} = \prod_{z=3}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1 \vee \boldsymbol{n})}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}\mathbb{k}_i-(j_i)_1 \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=2}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}\mathbb{k}_i+1\right)}$$

$$\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\mathbb{k}_i-(j_{ik})_{z-1} \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z-1}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\mathbb{k}_i}$$

$$\sum_{\left((n_s)_{z-1}=(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\mathbb{k}_i\right)}^{(\ )} \quad \sum_{i=\boldsymbol{I}+1}^{\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}}$$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!} \cdot$$

$$\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n_i-(n_{ik})_1-(j_i)_1+1)!} \cdot$$

$$\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)! \cdot ((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!} \cdot$$

$$\frac{((n_s)_{z=s}-i-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} +$$

$$\prod_{z=3}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1 \vee \boldsymbol{n})}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}\mathbb{k}_i-(j_i)_1 \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=2}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}\mathbb{k}_i+1\right)}$$

$$\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\mathbb{k}_i-(j_{ik})_{z-1} \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z-1}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\mathbb{k}_i}$$

$$\sum_{\left((n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}\mathbb{k}_i-(j_i)_{z-1} \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_i)_{z-1}+1\right)}^{\left((n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\mathbb{k}_i-1\right)} \quad \sum_{i=\boldsymbol{I}+1}^{\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}}$$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!} \cdot$$

$$\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n_i-(n_{ik})_1-(j_i)_1+1)!} \cdot$$

$$\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)! \cdot ((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!} \cdot$$

$$\left(\frac{((n_s)_{z=s}-\boldsymbol{I}-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-(j_i)_{z=s})!} +\right.$$

$$\frac{((n_s)_{z=s} - i - 1)!}{((n_s)_{z=s} + (j_i)_{z=s} - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - (j_i)_{z=s} - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\Bigg)$$

eşitlikleri elde edilir. Bu eşitliklere bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda, simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde; bağımsız durumla başlayıp ilk bağımlı durumu simetrinin ilk bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılık*** denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılık ${}^{0}S_{0}^{\dot{I}SO}$ ile gösterilecektir.

$D \geq \boldsymbol{n} < n \wedge I = \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk = 0 \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D+I-\boldsymbol{s})!}{(D-\boldsymbol{n})!} \cdot \frac{(n-1)!}{(\iota-I-1)!} \cdot \left(\sum_{i=s-I}^{\boldsymbol{n}} \mp \frac{(i+\iota-I-1)!}{i! \cdot (i+\iota-1)! \cdot (\boldsymbol{n}-i)!}\right) - \frac{(D+I-\boldsymbol{s})!}{(D-\boldsymbol{n})!} \cdot \frac{1}{(\boldsymbol{n}+I-\boldsymbol{s}+1)!} \cdot \frac{(n-\boldsymbol{s})!}{(\iota-I-1)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk = 0 \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D+I-\boldsymbol{s})!}{(D+\iota-n)!} \cdot \frac{(n-1)!}{(\iota-I-1)!} \cdot \left(\sum_{i=s-I}^{n-\iota} \mp \frac{(i+\iota-I-1)!}{i! \cdot (i+\iota-1)! \cdot (n-\iota-i)!}\right) - \frac{(D+I-\boldsymbol{s})!}{(D+\iota-n)!} \cdot \frac{1}{(n+I-\iota-\boldsymbol{s}+1)!} \cdot \frac{(n-\boldsymbol{s})!}{(\iota-I-1)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk = 0 \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \frac{(n-1)!}{(\iota-I-1)!} \cdot \left(\sum_{i=s}^{\boldsymbol{n}} \mp \frac{(i+\iota-I-1)!}{i! \cdot (i+\iota-1)! \cdot (\boldsymbol{n}-i)!}\right) - \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \frac{1}{(\boldsymbol{n}-s+1)!} \cdot \frac{(n-s-I)!}{(\iota-I-1)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk = 0 \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I=\Bbbk+\boldsymbol{I}\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\Rightarrow$

$$ {}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D+\iota-n)!}\cdot\frac{(n-1)!}{(\iota-I-1)!}\cdot\left(\sum_{i=s}^{n-\iota}\mp\frac{(i+\iota-I-1)!}{i!\cdot(i+\iota-1)!\cdot(n-\iota-i)!}\right)- $$

$$ \frac{(D-s)!}{(D+\iota-n)!}\cdot\frac{1}{(n-\iota-s+1)!}\cdot\frac{(n-s-I)!}{(\iota-I-1)!} $$

$D\geq\boldsymbol{n}<n\wedge I=\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\Bbbk=0\wedge\boldsymbol{s}=s+\boldsymbol{I}\Rightarrow$

$$ {}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_i=s}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_s=n_i-j_i+1} $$

$$ \frac{(n_i-n_s-1)!}{(j_i-2)!\cdot(n_i-n_s-j_i+1)!}\cdot $$

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

$$ \sum_{j_i=s}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_i-j_i} $$

$$ \frac{(n_i-n_s-1)!}{(j_i-2)!\cdot(n_i-n_s-j_i+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+ $$

$$ \sum_{j_i=s+1}^{\boldsymbol{n}}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_i-j_i+1} $$

$$ \frac{(j_i-2)!}{(j_i-s)!\cdot(s-2)!}\cdot\frac{(n_i-n_s-1)!}{(j_i-2)!\cdot(n_i-n_s-j_i+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg) $$

$D\geq\boldsymbol{n}<n\wedge I=\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\Bbbk=0\wedge\boldsymbol{s}=s+\boldsymbol{I}\Rightarrow$

$$ {}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_i=s}\sum_{(n_i=\boldsymbol{n}+I)}^{n-1}\sum_{n_s=n_i-j_i+1}\sum_{(i=\boldsymbol{I}+1)}^{\boldsymbol{n}+\boldsymbol{I}-j_i} $$

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

$$ \sum_{j_i=s}\sum_{(n_i=\boldsymbol{n}+I)}^{n-1}\sum_{n_s=\boldsymbol{n}-j_i+\boldsymbol{I}+1}^{n_i-j_i}\sum_{(i=\boldsymbol{I}+1)}^{\boldsymbol{n}+\boldsymbol{I}-j_i} $$

$$\frac{(n_i-n_s-1)!}{(j_i-2)!\cdot(n_i-n_s-j_i+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_i=s+1}^{\boldsymbol{n}}\sum_{(n_i=\boldsymbol{n}+I)}^{n-1}\sum_{n_s=\boldsymbol{n}-j_i+\boldsymbol{I}+1}^{n_i-j_i+1}\sum_{(i=\boldsymbol{I}+1)}^{\boldsymbol{n}+\boldsymbol{I}-j_i}$$

$$\frac{(j_i-2)!}{(j_i-s)!\cdot(s-2)!}\cdot$$

$$\frac{(n_i-n_s-1)!}{(j_i-2)!\cdot(n_i-n_s-j_i+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)$$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge s = 2 \Rightarrow$

$$^{0}S_0^{\text{iso}} = \frac{(D-2)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_i=2}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_s=n_i-j_i-\Bbbk+1}\right.$$

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

$$\sum_{j_i=2}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_i-j_i-\Bbbk}$$

$$\frac{(n_i-n_s-1)!}{(j_i-2)!\cdot(n_i-n_s-j_i+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_i=3}^{\boldsymbol{n}}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_i-j_i-\Bbbk+1}$$

$$\left.\frac{(n_i-n_s-1)!}{(j_i-2)!\cdot(n_i-n_s-j_i+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)$$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge s = 2 \Rightarrow$

$$^{0}S_0^{\text{iso}} = \frac{(D-2)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_i=2}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_s=n_i-j_i-\Bbbk+1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}\right.$$

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

$$\sum_{j_i=2}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_i-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_s-1)!}{(j_i-2)!\cdot(n_i-n_s-j_i+1)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\right.$$

$$\left.\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_i=3}^{\boldsymbol{n}}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_i-j_i-\Bbbk+1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_s-1)!}{(j_i-2)!\cdot(n_i-n_s-j_i+1)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\right.$$

$$\left.\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)$$

$$D\geq\boldsymbol{n}<n\wedge\boldsymbol{I}=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\Rightarrow$$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}$$

$$\frac{\left(j^{sa}+j_{sa}^{ik}-j_{sa}-2\right)!}{(j^{sa}-j_{sa})!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\Bbbk-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\Bbbk+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j^{sa}=j_{sa})}\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(j^{sa}+j_{sa}^{ik}-j_{sa}-2)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\Bbbk-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\Bbbk+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j^{sa}=j_{sa})}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(n_i - s - I)!}{(n_i - \boldsymbol{n} - I)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$ {}^{0}S_{0}^{İso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(j^{sa}+j_{sa}^{ik}-j_{sa}-2)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{sa} - \Bbbk - 1)!}{(j^{sa}-2)! \cdot (n_i - n_{sa} - j^{sa} - \Bbbk + 1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j^{sa}=j_{sa})} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}$$

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

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge j_{sa} = s \Rightarrow$

$$ {}^{0}S_{0}^{İso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=s}^{\boldsymbol{n}} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-s)} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{(j^{sa}+j_{sa}^{ik}-s-2)!}{(j^{sa}-s)! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_s-\Bbbk-1)!}{(j^{sa}-2)!\cdot(n_i-n_s-j^{sa}-\Bbbk+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j^{sa}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=s+1}^{\boldsymbol{n}}\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-s-1)}\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

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

$$\frac{(n_{ik}-n_s-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j^{sa})!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j^{sa}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j^{sa}=S)}\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{n_s=n_i-j^{sa}-\Bbbk+1}\sum_{(i=)}^{(\ )}$$

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

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(j^{sa}+j_{sa}^{ik}-j_{sa}-2)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\Bbbk-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\Bbbk+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\sum_{(j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa})}\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$$D\geq\boldsymbol{n}<n\wedge I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\Rightarrow$$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa})}\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(j^{sa}+j^{ik}_{sa}-j_{sa}-2)!}{(j^{sa}-j_{sa})!\cdot(j^{ik}_{sa}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\Bbbk-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\Bbbk+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{ik}_{sa})}^{(j^{sa}+j^{ik}_{sa}-j_{sa}-1)}\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j^{ik}_{sa})!\cdot(j^{ik}_{sa}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!\cdot(j_{sa}-j^{ik}_{sa}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\sum_{(j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa})}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(n_i - s - I)!}{(n_i - \boldsymbol{n} - I)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}$$

$$\frac{\left(j^{sa}+j_{sa}^{ik}-j_{sa}-2\right)!}{(j^{sa}-j_{sa})! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{sa}-\Bbbk-1)!}{(j^{sa}-2)! \cdot (n_i-n_{sa}-j^{sa}-\Bbbk+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{\left(j^{sa}+j_{sa}^{ik}-j_{sa}-1\right)} \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)! \cdot \left(j_{sa}-j_{sa}^{ik}-1\right)!} \cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}$$

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

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)}\;\sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\;\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\;\sum_{(j_{ik}=j^{sa}-1)}\;\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\;\sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(n_i-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$ {}^{0}S_{0}^{\dot{\imath}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j^{sa}-1)}\;\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\;\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)}\;\sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\;\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\sum_{(j_{ik}=j^{sa}-1)}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{\text{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{sa}-1)}\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\Bbbk-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\Bbbk+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)}\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\sum_{(j_{ik}=j^{sa}-1)}\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}$$

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

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge j_{sa} = s \Rightarrow$

$${}^{0}S_{0}^{\text{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=s}^{\boldsymbol{n}}\sum_{(j_{ik}=j^{sa}+j^{ik}_{sa}-s)}\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{\left(j^{sa}+j_{sa}^{ik}-s-2\right)!}{(j^{sa}-s)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n_i-n_s-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_s-j^{sa}-\mathbb{k}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j^{sa}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=s+1}^{\boldsymbol{n}}\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-s-1)}\sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

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

$$\frac{(n_{ik}-n_s-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j^{sa})!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j^{sa}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=s}\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{n_s=n_i-j^{sa}-\mathbb{k}+1}\sum_{(i=)}^{(\ )}$$

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

$D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1$

$\wedge\, j_{sa}=s\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=s}^{\boldsymbol{n}}\sum_{(j_{ik}=j^{sa}-1)}\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-s)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_s-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_s-j^{sa}-\mathbb{k}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j^{sa} - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j^{sa} - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=s+1}^{\boldsymbol{n}} \sum_{(j_{ik}=s-1)}^{(j^{sa}-2)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

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

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

$$\frac{(n_s - i - 1)!}{(n_s + j^{sa} - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j^{sa} - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{n_s=n_i-j^{sa}-\mathbb{k}+1} \sum_{(i=)}^{(\;)}$$

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

$D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{sa} - \mathbb{k} - 1)!}{(j^{sa}-2)! \cdot (n_i - n_{sa} - j^{sa} - \mathbb{k} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(n_i-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=1\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$
{}^{0}S_{0}^{\text{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}
$$

$$
\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{sa}-\Bbbk-1)!}{(j^{sa}-2)! \cdot (n_i-n_{sa}-j^{sa}-\Bbbk+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
$$

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

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}
$$

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

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_{0}^{\text{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}
$$

$$
\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{sa}-\Bbbk-1)!}{(j^{sa}-2)! \cdot (n_i-n_{sa}-j^{sa}-\Bbbk+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)}\ \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\Bbbk-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\Bbbk+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)}\ \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\sum_{(n_i=\boldsymbol{n}+I)}^{(n-1)}\sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1}\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s)!}$$

$D \ge \boldsymbol{n} < n \wedge I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$ {}^{0}S_{0}^{\text{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)}\sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1}\frac{(n_{sa}+j^{sa}-s-\boldsymbol{I}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \ge \boldsymbol{n} < n \wedge I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{sa} = s \Rightarrow$

$$ {}^{0}S_{0}^{\text{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=s}^{\boldsymbol{n}}\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-s)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_s-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_s-j^{sa}-\mathbb{k}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j^{sa}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=s+1}^{\boldsymbol{n}}\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-s-1)}\sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

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

$$\frac{(n_{ik}-n_s-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j^{sa})!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j^{sa}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=s}\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{n_s=n_i-j^{sa}-\mathbb{k}+1}\sum_{(i=)}^{(\ )}$$

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

$D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge$

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

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=s}^{\boldsymbol{n}}\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-s)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_s-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_s-j^{sa}-\mathbb{k}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j^{sa}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=s+1}^{\boldsymbol{n}} \sum_{(j_{ik}=s-1)}^{(j^{sa}-2)} \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

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

$$\frac{(n_{ik}-n_s-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j^{sa})!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j^{sa}-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=s} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{n_s=n_i-j^{sa}-\Bbbk+1} \sum_{(i=)}^{(\ )}$$

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

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$${}^{0}S_0^{\dot{\imath}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot$$

$$\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j^{sa}+j_{sa}^{ik}-j_{sa}-2)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\ \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\ \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_i-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$$D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=1\Rightarrow$$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot$$

$$\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\ \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{\left(j^{sa}+j_{sa}^{ik}-j_{sa}-2\right)!}{(j^{sa}-j_{sa})!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\ \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\ \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\ \sum_{n_i=\boldsymbol{n}+I}^{n-1}\ \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 1 \Rightarrow$

$${}^{0}S_{0}^{\mathrm{iso}}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot$$

$$\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\ \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j^{sa}+j_{sa}^{ik}-j_{sa}-2)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\ \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\ \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\ \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

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

$D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z{:}\,z=1\Rightarrow$

$${}^{0}S_0^{İso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot$$

$$\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\ \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{\left(j^{sa}+j_{sa}^{ik}-j_{sa}-2\right)!}{(j^{sa}-j_{sa})!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(j^{sa}+j_{sa}^{ik}-j_{sa}-1\right)}\ \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{\left(j^{sa}-j_{ik}-1\right)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\ \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\ \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_{ik}+j_{ik}-s-\mathbb{k}-\boldsymbol{I}-1)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z{:}\,z=1\Rightarrow$

$${}^{0}S_0^{İso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot$$

$$\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\ \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{\left(j^{sa}+j_{sa}^{ik}-j_{sa}-2\right)!}{(j^{sa}-j_{sa})!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\ \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\ \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\ \sum_{n_i=\boldsymbol{n}+I}^{n-1}\ \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_{ik}+j_{ik}-s-I-1)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-I-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\colon z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(j_{ik}=j^{sa}-1)}\ \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)}\;\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\;\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}\;\sum_{(j_{ik}=j^{sa}-1)}\;\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\;\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)}\;\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j^{sa}-1)}\;\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\;\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)}\;\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\;\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+I}^{n-1} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i - s - I)!}{(n_i - \boldsymbol{n} - I)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)} \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

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

$D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}
$$

$$
\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
$$

$$
\frac{(n_{ik}+j_{ik}-s-\mathbb{k}-\boldsymbol{I}-1)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-s)!}
$$

$D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}
$$

$$
\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa} + 1)! \cdot (j_{sa} - 3)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+I}^{n-1} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_{ik} + j_{ik} - s - I - 1)!}{(n_{ik} + j_{ik} - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge j_{sa} = s \Rightarrow$

$${}^{0}S_{0}^{\dot{\imath}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot$$

$$\sum_{j^{sa}=s}^{\boldsymbol{n}} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-s)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{\left(j^{sa} + j_{sa}^{ik} - s - 2\right)!}{(j^{sa} - s)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j^{sa} - \mathbb{k})!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j^{sa} - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j^{sa} - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j^{sa} - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=s+1}^{\boldsymbol{n}}\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-s-1)}\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

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

$$\frac{(n_{ik}-n_s-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j^{sa})!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j^{sa}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j^{sa}=s}\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j^{sa}-\Bbbk}\sum_{(i=)}^{(\ )}$$

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

$D\geq\boldsymbol{n}<n\wedge I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\boldsymbol{I}>1\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge$

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

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot$$

$$\sum_{j^{sa}=s}^{\boldsymbol{n}}\sum_{(j_{ik}=j^{sa}-1)}\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-s)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j^{sa}-\Bbbk)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j^{sa}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=s+1}^{\boldsymbol{n}} \sum_{(j_{ik}=s-1)}^{(j^{sa}-2)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j^{sa})}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

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

$$\frac{(n_{ik}-n_s-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j^{sa})!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j^{sa}-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j^{sa}=j_{sa}} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \sum_{(i=)}^{(\quad)}$$

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

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

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \left(\frac{(n_i-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j^{sa}}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

$$\frac{(n_i-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}^{0}S_0^{İso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

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

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

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_0^{\dot{I}SO} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot$$

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

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

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

$$\frac{\left(n_i+2\cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-\mathbb{k}-\boldsymbol{I}-2\cdot j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-2\cdot j_{sa}^{s}\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=1\Rightarrow$

$${}^{0}S_0^{\dot{\imath}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{\left(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}{\left(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s\right)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+j^{sa}+j_{sa}^{s}-j_s-j_{sa}-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j^{sa}+j_{sa}^{s}-j_s-j_{sa}-s)!}$$

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

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

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

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\Rightarrow$

$${}^{0}S_{0}^{\text{İ}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s})!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{\left(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}{\left(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s\right)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+2\cdot j_{ik}+j_{sa}^{s}+j_{sa}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}+j_{sa}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-s)!}$$

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

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 1 \Rightarrow$

$$
{}^{0}S_{0}^{\dot{\mathrm{I}}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}
$$

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

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot
$$

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

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

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
$$

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

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}
$$

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

$$
\frac{(n_i+j_{ik}+j_{sa}-j^{sa}-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{ik})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_{ik}+j_{sa}-j^{sa}-s-j_{sa}^{ik})!}
$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$ {}^{0}S_{0}^{\text{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} $$

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

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot $$

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

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} $$

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

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot $$

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

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

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} $$

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

$$\frac{\left(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - \Bbbk - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z \colon z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\left(\frac{(n_i - s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}\right)_{j^{sa}}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_0^{\text{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_0^{\mathrm{i}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

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

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$ {}^{0}S_0^{\mathrm{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} $$

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

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} $$

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

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

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

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} $$

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

$$ \frac{\left(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - \mathbb{k} - \boldsymbol{I} - 2 \cdot j_{sa}^{s} + 1\right)!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - 2 \cdot j_{sa}^{s} + 1\right)!} $$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$
{}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
$$

$$
\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s-\mathbb{k}-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s+1)!}
$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$ {}^{0}S_{0}^{\mathrm{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} $$

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

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} $$

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

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

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

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} $$

$$ \frac{\left(n_i+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2 \cdot j_{sa}-s-\mathbb{k}-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})! \cdot \left(\boldsymbol{n}+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2 \cdot j_{sa}-s+1\right)!} $$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$ {}^{0}S_{0}^{\dot{\mathrm{I}}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} $$

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

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} $$

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

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

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

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} $$

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

$$ \frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s})!} $$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

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

$$\frac{\left(n_i+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})! \cdot \left(\boldsymbol{n}+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z\!: z = 1 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_{0}^{\dot{\mathrm{I}}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{\left(n_i+j_{ik}+j_{sa}^{s}+j_{sa}-j_s-2 \cdot j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot \left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}+j_{sa}-j_s-2 \cdot j_{sa}^{ik}-s-1\right)!}
$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$ {}^{0}S_{0}^{\mathrm{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

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

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$ \frac{(n_i+j_{sa}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{ik}-1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_{sa}-s-j_{sa}^{ik}-1)!} $$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+1}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}
$$

$$
\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{ik}+1)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{\left(n_i+j_{sa}^{ik}-j_{sa}-s-\Bbbk-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-j_{sa}-s+1\right)!}
$$

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

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!:z=1\Rightarrow$

$$
{}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}
$$

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

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot
$$

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

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

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
$$

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

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
$$

$$
\frac{(n_i+j_s-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})! \cdot (\boldsymbol{n}-s)!}
$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$ {}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

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

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} $$

$$ \frac{(n_i+j_s-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})! \cdot (\boldsymbol{n}-s)!} $$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$
{}^{0}S_{0}^{\mathrm{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}
$$

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

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot
$$

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

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

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
$$

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

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
$$

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

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

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z{:}\,z=1\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$ {}^{0}S_{0}^{\mathrm{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{\left(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}{\left(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s\right)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

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

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

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

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

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j_{ik} - 1)!}{(\boldsymbol{n} + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_{ik}+j^{sa}-j_s-s-\Bbbk-\boldsymbol{I}-1)!}{(n_{ik}+j^{sa}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

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

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_{ik}+j^{sa}-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j^{sa}+1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{\text{İ}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j^{sa}-s-\Bbbk-\boldsymbol{I}+3)!}{(2\cdot n_i-n_{ik}-j^{sa}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z{:}\,z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_0^{İso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(2\cdot n_i+j_s-n_{ik}-j^{sa}-s-\Bbbk-\boldsymbol{I}+1)!}{(2\cdot n_i+2\cdot j_s-n_{ik}-j^{sa}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

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

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{\text{İ}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

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

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z{:}\,z=1\Rightarrow$

$${}^{0}S_0^{İso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

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

$$\frac{(n_{sa} + j_{sa} - s - \boldsymbol{I} - j_{sa}^{s})!}{(n_{sa} + j^{sa} - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^{s})! \cdot (\boldsymbol{n} + j_{sa} - s - j^{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{\text{iso}} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot$$

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

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

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

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

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=1\Rightarrow$

$${}^{0}S_0^{\dot{\imath}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{\left(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!}{\left(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s\right)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-j_{ik}-j^{sa}-s-2\cdot\Bbbk-\boldsymbol{I}+3)!}{(3\cdot n_i-n_{ik}-n_{sa}-j_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

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

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\colon z = 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(2\cdot n_i+j_s-n_{sa}-j^{sa}-s-2\cdot\Bbbk-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

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

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z{:}\,z=1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

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

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

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

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - s - 2 \cdot \Bbbk - \boldsymbol{I})!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

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

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{\text{i}so} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

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

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

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

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$ {}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

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

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

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

$$ D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j^{sa} - 1 \lor $$

$$ I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 1 \land j_{ik} = j^{sa} - 1 \Rightarrow $$

$$ {}^{0}S_{0}^{\text{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

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

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

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

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{(2\cdot n_i-n_{sa}-j_s-j_{ik}-s-2\cdot\Bbbk-\boldsymbol{I}+1)!}{(2\cdot n_i-n_{sa}-j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}
$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j^{sa} - s - 2 \cdot \Bbbk - \boldsymbol{I} + 4)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^{s} + 4)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j^{sa} - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 1 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_{0}^{\text{i}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-2\cdot j_{ik}-s-2\cdot\Bbbk-\boldsymbol{I}+2)!}{(3\cdot n_i-n_{ik}-n_{sa}-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}
$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$ {}^{0}S_{0}^{\mathrm{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

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

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$ \frac{(2 \cdot n_i + j_s - n_{sa} - j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n}-s)!} $$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j^{sa} - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 1 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_0^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - s - 2 \cdot \Bbbk - \boldsymbol{I} + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n}-s)!}
$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\colon z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$ {}^{0}S_{0}^{\text{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

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

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$ \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n}-s)!} $$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j^{sa} - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 1 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}
$$

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

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

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

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

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

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}
$$

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

$$
\frac{(2\cdot n_{ik}+j_{ik}-n_{sa}-j_s-s-2\cdot\mathbb{k}-\boldsymbol{I}-1)!}{(2\cdot n_{ik}+j_{ik}-n_{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}
$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$ {}^{0}S_{0}^{\mathrm{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

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

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$ \frac{(n_i+n_{ik}-n_{sa}-s-2\cdot\Bbbk-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s-n_{sa}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}-1)! \cdot (\boldsymbol{n}-s)!} $$

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

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\colon z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$ {}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot $$

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

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot $$

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

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

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

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

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j^{sa}}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{\mathrm{i}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\left(\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}\right)_{j^{sa}}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

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

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

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

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

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

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

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\!: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

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

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

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

$${}^{0}S_{0}^{\dot{I}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

$$\frac{(n_i+j_s+j_{sa}-j^{sa}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s+j_{sa}-j^{sa}-s-j_{sa}^{s})!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z\colon z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z\colon z = 1 \land \Bbbk = \Bbbk_2 \Rightarrow$

$$
{}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot
$$

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot
$$

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

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

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

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

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot
$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

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

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-\mathbb{k}-\boldsymbol{I}-2\cdot j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-2\cdot j_{sa}^{s}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

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

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

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

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

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

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

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

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\!: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{İso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

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

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_i+j^{sa}+j_{sa}^{s}-j_s-j_{sa}-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}+j^{sa}+j_{sa}^{s}-j_s-j_{sa}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

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

$${}^{0}S_0^{\text{İ}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

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

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z\!: z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z\!: z = 1 \land \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z\!: z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z\!: z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

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

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

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

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z\!: z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z\!: z = 1 \land \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^{s} - j_s - j_{sa}^{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^{s} - j_s - j_{sa}^{ik} - s\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

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

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot
$$

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

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

$D\geq\boldsymbol{n}<n\land\mathbb{k}=0\land I=\boldsymbol{I}\land\boldsymbol{s}=s+\boldsymbol{I}\lor$

$I=\mathbb{k}+\boldsymbol{I}\land s>1\land\mathbb{k}>0\land\boldsymbol{I}>1\land\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\land\mathbb{k}_z\colon z=2\land\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\lor$

$I=\mathbb{k}+\boldsymbol{I}\land s>1\land\mathbb{k}_2>0\land\mathbb{k}_1=0\land\boldsymbol{I}>1\land\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\land$

$\mathbb{k}_z\colon z=1\land\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_i+j_{ik}+j_{sa}-j^{sa}-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{ik})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}-j^{sa}-s-j_{sa}^{ik})!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$ {}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

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

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

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

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z{:}\, z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z{:}\, z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

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

$$\frac{\left(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - \Bbbk - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s\right)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z : z = 1 \land \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}$$

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

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_{0}^{\dot{I}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

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

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

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

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

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

$$\left(\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j^{sa}}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

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

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})! \cdot (\boldsymbol{n}-s)!}\right)_{j^{sa}}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

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

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

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

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i - s - \mathbb{k} - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z \colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z \colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_s+j_{sa}-j_{ik}-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s+j_{sa}-j_{ik}-s-j_{sa}^{s}-1)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

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

$$\frac{(n_i+j_s+j_{sa}-j_{ik}-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}-1)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s+j_{sa}-j_{ik}-s-j_{sa}^{s}-1)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\!: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{\mathrm{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{sa}}$$

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

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}+j_{sa}^{ik}-2\cdot j^{sa}-s-\mathbb{k}-\boldsymbol{I}-2\cdot j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}+j_{sa}^{ik}-2\cdot j^{sa}-s-2\cdot j_{sa}^{s}+1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$ {}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}} $$

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

$$ \frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right. $$

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

$$ \frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

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

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

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

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j_s+j_{sa}+j_{sa}^{ik}-2\cdot j^{sa}-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-2\cdot j_{sa}^{s}+1)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_s+j_{sa}+j_{sa}^{ik}-2\cdot j^{sa}-s-2\cdot j_{sa}^{s}+1)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{\mathrm{I}}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s-\mathbb{k}-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s+1)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{\imath}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

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

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

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

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^s-j_s-j_{sa}-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^s-j_s-j_{sa}-s+1)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

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

$$\frac{\left(n_i+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s-\Bbbk-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s+1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

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

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j^{sa}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot \left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j^{sa}-s-j_{sa}^{s}+1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )} \sum_{j^{sa}=j_{sa}}$$

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

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j^{sa}-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+1)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s+j_{sa}^{ik}-j^{sa}-s-j_{sa}^{s}+1)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
\begin{aligned}
{}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}} \\
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot \\
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + \\
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right. \\
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + \\
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \\
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}
$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

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

$$\frac{\left(n_i+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_{0}^{\dot{\mathrm{I}}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

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

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

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

$$\frac{(n_i+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-1)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\colon z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

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

$$\frac{\left(n_i+j_{ik}+j_{sa}^s+j_{sa}-j_s-2\cdot j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^s+j_{sa}-j_s-2\cdot j_{sa}^{ik}-s-1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

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

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

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

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}+j_{sa}-j_s-2\cdot j_{sa}^{ik}-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}+j_{sa}-j_s-2\cdot j_{sa}^{ik}-s-1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_0^{\dot{\imath}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

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

$$\frac{\left(n_i+j_{sa}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{sa}-s-j_{sa}^{ik}-1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

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

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_{sa}-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{ik}-1)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_{sa}-s-j_{sa}^{ik}-1)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{\mathrm{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

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

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

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j_{sa}^{ik} - j_{sa} - s - \mathbb{k} - \boldsymbol{I} + 1)!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{sa}^{ik} - j_{sa} - s + 1)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\colon z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\colon z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{\mathrm{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

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

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

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

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

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

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

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{sa}^{ik}-j_{sa}-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-j_{sa}-s+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_0^{\text{iso}}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

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

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{sa})}$$

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

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

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

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z: z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z: z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_{0}^{\dot{\imath}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\mathbb{k}_2-\boldsymbol{I})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k}=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

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

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \Biggl(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{ik}+j_{ik}+\mathbb{k}_1-j_s-s-\mathbb{k}-\boldsymbol{I})!}{(n_{ik}+j_{ik}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

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

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}+\mathbb{k}_1-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_{ik}+j_{ik}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

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

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

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

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

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

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_i+\Bbbk_2-n_{ik}-j_s-j_{ik}-s-2\cdot\Bbbk-\boldsymbol{I}+2)!}{(2\cdot n_i+\Bbbk_2-n_{ik}-j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$
{}^{0}S_0^{\text{i}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{ik}+j^{sa}-j_s-s-\mathbb{k}_2-\boldsymbol{I}-1)!}{(n_{ik}+j^{sa}-\boldsymbol{n}-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\;)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\;)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{ik}+j^{sa}+\mathbb{k}_1-j_s-s-\mathbb{k}-\boldsymbol{I}-1)!}{(n_{ik}+j^{sa}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$ {}^{0}S_{0}^{\mathrm{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} $$

$$ \frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_{ik}+j^{sa}-\boldsymbol{n}-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j^{sa}+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_{0}^{\mathrm{l}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - \boldsymbol{I} - j_{sa}^{s}\right)!}{(n_{ik} + j^{sa} + \mathbb{k}_1 - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot \left(\boldsymbol{n} + j_{sa}^{ik} - s - j^{sa} + 1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2} \frac{(2\cdot n_i-n_{ik}-j_s-j^{sa}-s-2\cdot\Bbbk_1-\Bbbk_2-\boldsymbol{I}+3)!}{(2\cdot n_i-n_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\!: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_0^{\mathrm{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_i+\Bbbk_2-n_{ik}-j_s-j^{sa}-s-2\cdot\Bbbk-\boldsymbol{I}+3)!}{(2\cdot n_i+\Bbbk_2-n_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I})}^{(n-1)} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k}_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I})}^{(n-1)} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k}_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_{sa}+j^{sa}-j_s-s-\boldsymbol{I})!}{(n_{sa}+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{sa}+j_{sa}-s-\boldsymbol{I}-j_{sa}^{s})!}{(n_{sa}+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}-s-j^{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(\boldsymbol{n}-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(\boldsymbol{n}-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot
$$

$$
\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(\boldsymbol{n}-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot
$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i - n_{sa} - j_s - j^{sa} - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - \boldsymbol{I} + 2)!}{(2 \cdot n_i - n_{sa} - j^{sa} - \boldsymbol{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - \boldsymbol{I} - j_{sa}^{s} + 2)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_{sa}-j_s-j^{sa}-s-2\cdot\mathbb{k}-\boldsymbol{I}+2)!}{(2\cdot n_i-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-j_{ik}-j^{sa}-s-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}+3)!}{(3\cdot n_i-n_{ik}-n_{sa}-j_{ik}-j^{sa}-\boldsymbol{n}-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z{:}\,z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z{:}\,z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-j_{ik}-j^{sa}-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}+3)!}{(3\cdot n_i-n_{ik}-n_{sa}-j_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+j_s-n_{sa}-j^{sa}-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_i+j_s-n_{sa}-j^{sa}-s-2\cdot\Bbbk-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\colon z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\colon z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+I)}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_{sa}-j_{ik}-j^{sa}-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I})!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_{sa}-j_{ik}-j^{sa}-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z: z=1 \wedge \mathbb{k}=\mathbb{k}_2 \Rightarrow$

$$
\begin{aligned}
{}^{0}S_{0}^{\mathrm{i}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}
&\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\\
&\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot\\
&\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\\
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}&\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\\
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
&\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\\
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}&\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot\\
&\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot\\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\\
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}&\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\\
&\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}\\
&\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}
$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_{sa}-j_{ik}-j^{sa}-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I})!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_{sa}-j_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}-n_{sa}-j_s-j^{sa}-s-2\cdot \mathbb{k}_2-\boldsymbol{I})!}{(2\cdot n_{ik}+2\cdot j_{ik}-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot \mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq \boldsymbol{n}<n\wedge \mathbb{k}=0\wedge I=\boldsymbol{I}\wedge \boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge \mathbb{k}>0\wedge \boldsymbol{I}>1\wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge \mathbb{k}_z\!:z=2\wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge \mathbb{k}_2>0\wedge \mathbb{k}_1=0\wedge \boldsymbol{I}>1\wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\!:z=1\wedge \mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_0^{\dot{\imath}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}+2\cdot\mathbb{k}_1-n_{sa}-j_s-j^{sa}-s-2\cdot\mathbb{k}-\boldsymbol{I})!}{(2\cdot n_{ik}+2\cdot j_{ik}+2\cdot\mathbb{k}_1-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \ge \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}+j_{ik}-n_{sa}-j^{sa}-s-2\cdot\mathbb{k}_2-\mathbb{k}_1-\boldsymbol{I})!}{(n_i+n_{ik}+j_s+j_{ik}-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_2-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ \ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}+j_{ik}+\mathbb{k}_1-n_{sa}-j^{sa}-s-2\cdot\mathbb{k}-\boldsymbol{I})!}{(n_i+n_{ik}+j_s+j_{ik}+\mathbb{k}_1-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\!: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + \right.
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{sa}+j_{ik}-j_s-s-\boldsymbol{I}+1)!}{(n_{sa}+j_{ik}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{sa} + j_{sa} - s - \boldsymbol{I} - j_{sa}^{s})!}{(n_{sa} + j_{ik} - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^{s} + 1)! \cdot (\boldsymbol{n} + j_{sa} - s - j_{ik} - 1)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2} \frac{(2\cdot n_i - n_{sa} - j_s - j_{ik} - s - 2\cdot\Bbbk_1 - 2\cdot\Bbbk_2 - \boldsymbol{I}+1)!}{(2\cdot n_i - n_{sa} - j_{ik} - \boldsymbol{n} - 2\cdot\Bbbk_1 - 2\cdot\Bbbk_2 - \boldsymbol{I} - j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j^{sa} - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z\colon z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \land j_{ik} = j^{sa} - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z\colon z = 1 \land \Bbbk = \Bbbk_2 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{\text{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)!\cdot(n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_i-n_{sa}-j_s-j_{ik}-s-2\cdot\Bbbk-\boldsymbol{I}+1)!}{(2\cdot n_i-n_{sa}-j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\!: z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!: z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_{0}^{\dot{\text{I}}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)!\cdot(n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-2\cdot j^{sa}-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}+4)!}{(3\cdot n_i-n_{ik}-n_{sa}-2\cdot j^{sa}-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+4)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\,)} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\,)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-2\cdot j_{ik}-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}+2)!}{(3\cdot n_i-n_{ik}-n_{sa}-2\cdot j_{ik}-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-2\cdot j^{sa}-s-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I}+4)!}{(3\cdot n_i-n_{ik}-n_{sa}-2\cdot j^{sa}-\boldsymbol{n}-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I}-j_{sa}^{s}+4)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S_{0}^{\mathrm{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + \right.
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-2\cdot j_{ik}-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}+2)!}{(3\cdot n_i-n_{ik}-n_{sa}-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i + j_s - n_{sa} - j_{ik} - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - \boldsymbol{I} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j_{ik} - \boldsymbol{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z\colon z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z\colon z = 1 \land \mathbb{k} = \mathbb{k}_2 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+j_s-n_{sa}-j_{ik}-s-2\cdot\mathbb{k}-\boldsymbol{I}-1)!}{(2\cdot n_i+2\cdot j_s-n_{sa}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z \colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z \colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_{sa}-2\cdot j^{sa}-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}+1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_{sa}-2\cdot j^{sa}-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z: z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - \boldsymbol{I} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \boldsymbol{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^0S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_{sa}-2\cdot j^{sa}-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}+1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_{sa}-2\cdot j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{\imath}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_{sa}-2\cdot j_{ik}-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_{sa}-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\!: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_{ik}+j_{ik}-n_{sa}-j_s-s-2\cdot\mathbb{k}_2-\boldsymbol{I}-1)!}{(2\cdot n_{ik}+j_{ik}-n_{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \mathbb{k}_1 - n_{sa} - j_s - s - 2 \cdot \mathbb{k} - \boldsymbol{I} - 1)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \mathbb{k}_1 - n_{sa} - \boldsymbol{n} - 2 \cdot \mathbb{k} - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}-n_{sa}-s-2\cdot\mathbb{k}_2-\mathbb{k}_1-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s-n_{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_2-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k}=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \wedge j_{ik}=j^{sa}-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \wedge j_{ik}=j^{sa}-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}_2>0 \wedge \mathbb{k}_1=0 \wedge \boldsymbol{I}>1 \wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge \mathbb{k}_z\colon z=1 \wedge \mathbb{k}=\mathbb{k}_2 \wedge j_{ik}=j^{sa}-1 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}+\mathbb{k}_1-n_{sa}-s-2\cdot\mathbb{k}-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s+\mathbb{k}_1-n_{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_0^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\left(\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I})}^{(n-1)} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I})}^{(n-1)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}}$$

$$\frac{(n_i + j_s - j_i - \mathbb{k} - \boldsymbol{I} - j_{sa}^{s})!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s - j_i - j_{sa}^{s})!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{İSO} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I})}^{(n-1)} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - \mathbb{k} - \boldsymbol{I} - 2 \cdot j_{sa}^{s}\right)!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^{s}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 1 \Rightarrow$

$${}^{0}S_0^{\dot{\imath}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_i+j_{sa}^{s}-j_s-2\cdot s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-2\cdot s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s-\Bbbk-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\Rightarrow$

$${}^{0}S_0^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s})!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$
{}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}
$$

$$
\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s\right)!}
$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$
{}^{0}S_{0}^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{\left(n_i+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}-\mathbb{k}-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})! \cdot \left(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}\right)!}
$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$
\begin{aligned}
{}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \\
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + \\
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \\
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} - \\
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
\end{aligned}
$$

$$\frac{\left(n_i + j_{ik} - j_i - \mathbb{k} - \boldsymbol{I} - j_{sa}^{ik}\right)!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} - j_i - j_{sa}^{ik}\right)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z \colon z = 1 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\Bbbk-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!:z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk} \left(\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$ {}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_i-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k}=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge \mathbb{k}_z\colon z=1 \wedge j_{ik}=j_i-1 \Rightarrow$

$${}^{0}S_0^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(\boldsymbol{n}-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + j_s - j_{ik} - \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{\text{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \Bbbk - \boldsymbol{I} - 2 \cdot j_{sa}^s + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot s-\mathbb{k}-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot s+1)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}
$$

$$
\frac{\left(n_i+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3 \cdot s-\Bbbk-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot \left(\boldsymbol{n}+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3 \cdot s+1\right)!}
$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}
$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k}=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge \mathbb{k}_z\!: z=1 \wedge j_{ik}=j_i-1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-\mathbb{k}-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z{:}\,z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i - \Bbbk - \boldsymbol{I} - j_{sa}^{ik} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} - j_{sa}^{ik} - 1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{\mathrm{I}}SO} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_{sa}^{ik}-2\cdot s-\mathbb{k}-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-2\cdot s+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_s-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})! \cdot (\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_s-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\Bbbk-\boldsymbol{I})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\colon z = 1 \Rightarrow$

$${}^{0}S_0^{iSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik})!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_{ik}-s-\mathbb{k}-\boldsymbol{I}+2)!}{(2\cdot n_i-n_{ik}-j_{ik}-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k}=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge \mathbb{k}_z\!: z=1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i+j_s-n_{ik}-j_{ik}-s-\mathbb{k}-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_{ik}-j_{ik}-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik}+j_i-j_s-s-\mathbb{k}-\boldsymbol{I}-1)!}{(n_{ik}+j_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)! \cdot (\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{\imath}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_{ik}+j_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_i+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z{:}\,z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_i-s-\mathbb{k}-\boldsymbol{I}+3)!}{(2\cdot n_i-n_{ik}-j_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i+j_s-n_{ik}-j_i-s-\mathbb{k}-\boldsymbol{I}+1)!}{(2\cdot n_i+2\cdot j_s-n_{ik}-j_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s+j_i-j_s-s-\boldsymbol{I})!}{\left(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s}\right)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_s-\boldsymbol{I}-j_{sa}^{s})!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-j_i)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_i-s-2\cdot\mathbb{k}-\boldsymbol{I}+2)!}{(2\cdot n_i-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

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$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-j_{ik}-j_i-s-2\cdot\mathbb{k}-\boldsymbol{I}+3)!}{(3\cdot n_i-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

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$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

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$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_i-s-2\cdot\mathbb{k}-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

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$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-s-2\cdot\Bbbk-\boldsymbol{I})!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

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$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_s-j_i-s-2\cdot\mathbb{k}-\boldsymbol{I})!}{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

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$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i+n_{ik}+j_{ik}-n_s-j_i-s-2\cdot\Bbbk-\boldsymbol{I})!}{(n_i+n_{ik}+j_s+j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$$D\ge\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(\boldsymbol{n}-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s + j_{ik} - j_s - s - \boldsymbol{I} + 1)!}{(n_s + j_{ik} - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^{s} + 1)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(\boldsymbol{n}-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s-\boldsymbol{I}-j_{sa}^{s})!}{(n_s+j_{ik}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-j_{ik}-1)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_{ik}-s-2\cdot\mathbb{k}-\boldsymbol{I}+1)!}{(2\cdot n_i-n_s-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{\imath}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_i-s-2\cdot\mathbb{k}-\boldsymbol{I}+4)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+4)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z{:}\,z=1\wedge j_{ik}=j_i-1\Rightarrow$

$$^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3\cdot n_i - n_{ik} - n_s - j_s - 2\cdot j_{ik} - s - 2\cdot\mathbb{k} - \boldsymbol{I} + 2)!}{(3\cdot n_i - n_{ik} - n_s - 2\cdot j_{ik} - \boldsymbol{n} - 2\cdot\mathbb{k} - \boldsymbol{I} - j_{sa}^{s} + 2)!\cdot(\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i + j_s - n_s - j_{ik} - s - 2\cdot\mathbb{k} - \boldsymbol{I} - 1)!}{(2\cdot n_i + 2\cdot j_s - n_s - j_{ik} - \boldsymbol{n} - 2\cdot\mathbb{k} - \boldsymbol{I} - j_{sa}^{s} - 1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot \mathbb{k} - \boldsymbol{I} + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}
$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$ {}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} - $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk} $$

$$ \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n}-s)!} $$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 1 \land j_{ik} = j_i - 1 \Rightarrow$

$$ {}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1} $$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_{ik}+j_{ik}-n_s-j_s-s-2\cdot\mathbb{k}-\boldsymbol{I}-1)!}{(2\cdot n_{ik}+j_{ik}-n_s-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{\text{İ}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i+n_{ik}-n_s-s-2\cdot\Bbbk-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s-n_s-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 1 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot$$
$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$
$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$
$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$
$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$
$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$
$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$
$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$
$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$
$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$
$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$
$$\left(\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!:z=1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk} \frac{(n_i+j_s-j_i-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s-j_i-j_{sa}^{s})!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{\text{İ}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\mathbb{k}-\boldsymbol{I}-2\cdot j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^{s}\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=1\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+I)}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_i+j_{sa}^{s}-j_s-2\cdot s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-2\cdot s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-\boldsymbol{i}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(\boldsymbol{i}-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!:z=1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \mathbb{k} - \boldsymbol{I} - j_{sa}^{s}\right)!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^{s}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$
{}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}-\mathbb{k}-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_{ik}-j_i-\mathbb{k}-\boldsymbol{I}-j_{sa}^{ik}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\mathbb{k}-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z{:}\,z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\left(\frac{(n_i-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{\text{İ}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(\boldsymbol{n}-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i + j_s - j_{ik} - \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \Bbbk - \boldsymbol{I} - 2 \cdot j_{sa}^{s} + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^{s} + 1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^{0}S_0^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i+j_{ik}+j_{sa}^s-j_s-2\cdot s-\Bbbk-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^s-j_s-2\cdot s+1)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{\mathrm{I}}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3\cdot s-\mathbb{k}-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3\cdot s+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\wedge j_{ik}=j_i-1\Rightarrow$

$$
{}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})! \cdot \left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}
$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$\frac{\left(n_i + j_i + j_{sa}^{s} - j_s - j_{sa}^{ik} - s - \Bbbk - \boldsymbol{I} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^{s} - j_s - j_{sa}^{ik} - s - 1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-\mathbb{k}-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i-\mathbb{k}-\boldsymbol{I}-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})! \cdot \left(\boldsymbol{n}-j_{sa}^{ik}-1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_{sa}^{ik}-2\cdot s-\mathbb{k}-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-2\cdot s+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\Rightarrow$

$${}^{0}S_0^{\dot{\mathrm{I}}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_s-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_s-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\Bbbk-\boldsymbol{I})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_{ik}+j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik})!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!:z=1\Rightarrow$

$$
{}^{0}S_{0}^{\text{İ}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_{ik}-s-\Bbbk-\boldsymbol{I}+2)!}{(2\cdot n_i-n_{ik}-j_{ik}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!:z=1\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i+j_s-n_{ik}-j_{ik}-s-\mathbb{k}-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_{ik}-j_{ik}-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k}=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge \mathbb{k}_z\colon z=1 \wedge j_{ik}=j_i-1 \Rightarrow$

$${}^{0}S_{0}^{\mathrm{i}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik}+j_i-j_s-s-\mathbb{k}-\boldsymbol{I}-1)!}{(n_{ik}+j_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z{:}\,z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_{ik} + j_{sa}^{ik} - s - \mathbb{k} - \boldsymbol{I} - j_{sa}^{s}\right)!}{(n_{ik} + j_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot \left(\boldsymbol{n} + j_{sa}^{ik} - s - j_i + 1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_i-s-\mathbb{k}-\boldsymbol{I}+3)!}{(2\cdot n_i-n_{ik}-j_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i+j_s-n_{ik}-j_i-s-\mathbb{k}-\boldsymbol{I}+1)!}{(2\cdot n_i+2\cdot j_s-n_{ik}-j_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-\boldsymbol{i}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(\boldsymbol{i}-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s+j_i-j_s-s-\boldsymbol{I})!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_s - \boldsymbol{I} - j_{sa}^{s})!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^{s})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_i-s-2\cdot\mathbb{k}-\boldsymbol{I}+2)!}{(2\cdot n_i-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

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$$
{}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-j_{ik}-j_i-s-2\cdot\mathbb{k}-\boldsymbol{I}+3)!}{(3\cdot n_i-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

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$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_i-s-2\cdot\Bbbk-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

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$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-s-2\cdot\Bbbk-\boldsymbol{I})!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

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$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_{ik}+2 \cdot j_{ik}-n_s-j_s-j_i-s-2 \cdot \mathbb{k}-\boldsymbol{I})!}{(2 \cdot n_{ik}+2 \cdot j_{ik}-n_s-j_i-\boldsymbol{n}-2 \cdot \mathbb{k}-\boldsymbol{I}-j_{sa}^{s})! \cdot (\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+n_{ik}+j_{ik}-n_s-j_i-s-2\cdot\mathbb{k}-\boldsymbol{I})!}{(n_i+n_{ik}+j_s+j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_s+j_{ik}-j_s-s-\boldsymbol{I}+1)!}{(n_s+j_{ik}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.
$$

$$
\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.
$$

$$
\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(n_s-\boldsymbol{I}-j_{sa}^{s})!}{(n_s+j_{ik}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-j_{ik}-1)!}
$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z{:}\, z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{\text{İ}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_{ik}-s-2\cdot \mathbb{k}-\boldsymbol{I}+1)!}{(2\cdot n_i-n_s-j_{ik}-\boldsymbol{n}-2\cdot \mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq \boldsymbol{n}<n\wedge \mathbb{k}=0\wedge I=\boldsymbol{I}\wedge \boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge \mathbb{k}>0\wedge \boldsymbol{I}>1\wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge \mathbb{k}_z\!:z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(3\cdot n_i - n_{ik} - n_s - j_s - 2\cdot j_i - s - 2\cdot\mathbb{k} - \boldsymbol{I} + 4)!}{(3\cdot n_i - n_{ik} - n_s - 2\cdot j_i - \boldsymbol{n} - 2\cdot\mathbb{k} - \boldsymbol{I} - j_{sa}^{s} + 4)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_{ik}-s-2\cdot\Bbbk-\boldsymbol{I}+2)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_{ik}-s-2\cdot\Bbbk-\boldsymbol{I}-1)!}{(2\cdot n_i+2\cdot j_s-n_s-j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 1 \land j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-2\cdot j_i-s-2\cdot\mathbb{k}-\boldsymbol{I}+1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{\text{iso}}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \boldsymbol{I} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 2 \cdot \mathbb{k} - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_{ik}+j_{ik}-n_s-j_s-s-2\cdot\mathbb{k}-\boldsymbol{I}-1)!}{(2\cdot n_{ik}+j_{ik}-n_s-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(\boldsymbol{n}-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i+n_{ik}-n_s-s-2\cdot\Bbbk-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s-n_s-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z\colon z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z\colon z = 1 \land \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\left(\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$ {}^{0}S_{0}^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} $$

$$ \frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot $$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\left(\frac{(n_i - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}\right)_{j_i}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{\text{İ}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-j_i-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s-j_i-j_{sa}^{s})!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-j_i-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s-j_i-j_{sa}^{s})!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$ {}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} $$

$$ \frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} $$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\Bbbk-\boldsymbol{I}-2\cdot j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^{s})!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z\!: z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z\!: z = 1 \land \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-2\cdot j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^{s})!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$$ {}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \right) - $$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_i+j_{sa}^{s}-j_s-2\cdot s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-2\cdot s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z{:}\,z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z{:}\,z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}^{s}-j_s-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-2\cdot s)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z : z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z : z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{iSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i + 2 \cdot j_i + j_{sa}^{s} + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - \mathbb{k} - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_i + j_{sa}^{s} + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{\dot{\imath}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s})!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\right) -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^{s} - j_s - j_{sa}^{ik} - s - \Bbbk - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^{s} - j_s - j_{sa}^{ik} - s\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{()}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{()}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik})!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\!: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}\right)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z : z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z : z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}^{0}S_0^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
\right.
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}-j_i-\mathbb{k}-\boldsymbol{I}-j_{sa}^{ik}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik}\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\quad)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}-j_i-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{ik})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik})!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-
$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\mathbb{k}-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s\right)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z : z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z : z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\left(\frac{(n_i - s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!} \right)_{j_i}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$ {}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} $$

$$ \frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot $$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k}=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}_2>0 \wedge \mathbb{k}_1=0 \wedge \boldsymbol{I}>1 \wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge \mathbb{k}_z\colon z=1 \wedge \mathbb{k}=\mathbb{k}_2 \wedge j_{ik}=j_i-1 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\!:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$ {}^{0}S_0^{\text{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s-1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s-1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-j_{ik}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s-j_{ik}-j_{sa}^{s}-1)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{\text{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-j_{ik}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}-1)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s-j_{ik}-j_{sa}^{s}-1)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$$^{0}S_{0}^{\text{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-2\cdot j_i-\mathbb{k}-\boldsymbol{I}-2\cdot j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-2\cdot j_i-2\cdot j_{sa}^{s}+1\right)!}$$

$D\geq \boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-2\cdot j_i-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-2\cdot j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-2\cdot j_i-2\cdot j_{sa}^{s}+1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot s-\Bbbk-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot s+1)!}$$

$D\geq \boldsymbol{n}<n\wedge \Bbbk=0\wedge I=\boldsymbol{I}\wedge \boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge \Bbbk>0\wedge \boldsymbol{I}>1\wedge \boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\!: z=2\wedge \Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge \Bbbk_2>0\wedge \Bbbk_1=0\wedge \boldsymbol{I}>1\wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$ {}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) - $$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^s-j_s-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^s-j_s-2\cdot s+1)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3\cdot s-\Bbbk-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3\cdot s+1\right)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z : z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 1 \land \Bbbk = \Bbbk_2 \land j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\text{İ}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3\cdot s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3\cdot s+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$ {}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_i-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^{s}+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_i-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^{s}+1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k}=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}_2>0 \wedge \mathbb{k}_1=0 \wedge \boldsymbol{I}>1 \wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge \mathbb{k}_z: z=1 \wedge \mathbb{k}=\mathbb{k}_2 \wedge j_{ik}=j_i-1 \Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D\geq\boldsymbol{n}<n\land\Bbbk=0\land I=\boldsymbol{I}\land\boldsymbol{s}=s+\boldsymbol{I}\land j_{ik}=j_i-1\lor$

$I=\Bbbk+\boldsymbol{I}\land s>1\land\Bbbk>0\land\boldsymbol{I}>1\land\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\land$

$\Bbbk_z\!:z=2\land\Bbbk=\Bbbk_1+\Bbbk_2\land j_{ik}=j_i-1\lor$

$I=\Bbbk+\boldsymbol{I}\land s>1\land\Bbbk_2>0\land\Bbbk_1=0\land\boldsymbol{I}>1\land$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\land\Bbbk_z\!:z=1\land\Bbbk=\Bbbk_2\land j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(\boldsymbol{n}-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-\Bbbk-\boldsymbol{I}-1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-1)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\!: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^{s} - j_s - 2 \cdot j_{sa}^{ik} - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I} - 1\right)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^{s} - j_s - 2 \cdot j_{sa}^{ik} - 1\right)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z \colon z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z \colon z = 1 \land \mathbb{k} = \mathbb{k}_2 \land j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{\imath}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s-1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s-1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i-\Bbbk-\boldsymbol{I}-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}-j_{sa}^{ik}-1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z{:}\,z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z{:}\,z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}-j_{sa}^{ik}-1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$ {}^{0}S_{0}^{\text{İ}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \right) - $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} $$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\,)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i + j_{sa}^{ik} - 2\cdot s - \mathbb{k} - \boldsymbol{I} + 1\right)!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{sa}^{ik} - 2\cdot s + 1\right)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z\!: z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z\!: z = 1 \land \mathbb{k} = \mathbb{k}_2 \land j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\,)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\,)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_{sa}^{ik}-2\cdot s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-2\cdot s+1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\!: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z : z = 1 \land \Bbbk = \Bbbk_2 \Rightarrow$

$$
{}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\!: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{\text{i}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s - s - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I} - j_{sa}^s)!}{(n_i + j_s - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$
{}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot
\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\mathbb{k}_2-\boldsymbol{I})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik}+j_{ik}+\Bbbk_1-j_s-s-\Bbbk-\boldsymbol{I})!}{(n_{ik}+j_{ik}+\Bbbk_1-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$ {}^{0}S_{0}^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) - $$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\!: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\!: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik}+j_{sa}^{ik}+\Bbbk_1-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!}{(n_{ik}+j_{ik}+\Bbbk_1-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik})!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\colon z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\colon z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - 2 \cdot \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} + 2)!}{(2 \cdot n_i - n_{ik} - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^{s} + 2)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_i+\Bbbk_2-n_{ik}-j_s-j_{ik}-s-2\cdot\Bbbk-\boldsymbol{I}+2)!}{(2\cdot n_i+\Bbbk_2-n_{ik}-j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z{:}\,z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z{:}\,z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik}+j_i-j_s-s-\Bbbk_2-\boldsymbol{I}-1)!}{(n_{ik}+j_i-\boldsymbol{n}-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$ {}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s} $$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik}+j_i+\Bbbk_1-j_s-s-\Bbbk-\boldsymbol{I}-1)!}{(n_{ik}+j_i+\Bbbk_1-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z: z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z: z = 1 \land \Bbbk = \Bbbk_2 \land j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\text{i}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_{ik}+j_i-\boldsymbol{n}-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_i+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}+\mathbb{k}_1-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_{ik}+j_i+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_i+1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right.
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_i-s-2\cdot\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}+3)!}{(2\cdot n_i-n_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{\dot{\imath}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_i-s-2\cdot\mathbb{k}-\boldsymbol{I}+3)!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_s+j_i-j_s-s-\boldsymbol{I})!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_s-\boldsymbol{I}-j_{sa}^{s})!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{\dot{\imath}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_i-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}+2)!}{(2\cdot n_i-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$$ {}^{0}S_{0}^{\mathrm{i}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \right) - $$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_i-s-2\cdot\mathbb{k}-\boldsymbol{I}+2)!}{(2\cdot n_i-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-j_{ik}-j_i-s-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}+3)!}{(3\cdot n_i-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z : z = 1 \land \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_0^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - \boldsymbol{I} + 3)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - \boldsymbol{I} - j_{sa}^{s} + 3)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{İso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_i-s-2\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_i-s-2\cdot\Bbbk-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I})!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{\text{iso}} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\right) -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I})!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{İSO} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_s-j_i-s-2\cdot\Bbbk_2-\boldsymbol{I})!}{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z{:}\,z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z{:}\,z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!}\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_{ik}+2 \cdot j_{ik}+2 \cdot \mathbb{k}_1-n_s-j_s-j_i-s-2 \cdot \mathbb{k}-\boldsymbol{I})!}{(2 \cdot n_{ik}+2 \cdot j_{ik}+2 \cdot \mathbb{k}_1-n_s-j_i-\boldsymbol{n}-2 \cdot \mathbb{k}-\boldsymbol{I}-j_{sa}^{s})! \cdot (\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}+j_{ik}-n_s-j_i-s-2\cdot\mathbb{k}_2-\mathbb{k}_1-\boldsymbol{I})!}{(n_i+n_{ik}+j_s+j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_2-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$ {}^{0}S_{0}^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}+j_{ik}+\mathbb{k}_1-n_s-j_i-s-2\cdot\mathbb{k}-\boldsymbol{I})!}{(n_i+n_{ik}+j_s+j_{ik}+\mathbb{k}_1-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_s+j_{ik}-j_s-s-\boldsymbol{I}+1)!}{(n_s+j_{ik}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}
$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_s-\boldsymbol{I}-j_{sa}^s)!}{(n_s+j_{ik}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^s+1)!\cdot(\boldsymbol{n}-j_{ik}-1)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k}=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}_2>0 \wedge \mathbb{k}_1=0 \wedge \boldsymbol{I}>1 \wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge \mathbb{k}_z\colon z=1 \wedge \mathbb{k}=\mathbb{k}_2 \wedge j_{ik}=j_i-1 \Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_{ik}-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}+1)!}{(2\cdot n_i-n_s-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k}=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}_2>0 \wedge \mathbb{k}_1=0 \wedge \boldsymbol{I}>1 \wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge \mathbb{k}_z: z=1 \wedge \mathbb{k}=\mathbb{k}_2 \wedge j_{ik}=j_i-1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_{ik}-s-2\cdot\Bbbk-\boldsymbol{I}+1)!}{(2\cdot n_i-n_s-j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\!: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_0^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
\right.
$$

$$
\left.
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_i-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}+4)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+4)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_{ik}-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}+2)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\ \sum_{(j_{ik}=s-1)}^{(\ )}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_i-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}+4)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s}+4)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_{ik}-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}+2)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k}=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \wedge j_{ik}=j_i-1 \vee$

$I=\mathbb{k}+\boldsymbol{I} \wedge s>1 \wedge \mathbb{k}_2>0 \wedge \mathbb{k}_1=0 \wedge \boldsymbol{I}>1 \wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \wedge \mathbb{k}_z\colon z=1 \wedge \mathbb{k}=\mathbb{k}_2 \wedge j_{ik}=j_i-1 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_{ik}-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-1)!}{(2\cdot n_i+2\cdot j_s-n_s-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{\text{İ}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \mathbb{k} - \boldsymbol{I} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \mathbb{k} - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot
$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - \boldsymbol{I} + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

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$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{İSO} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-2\cdot j_i-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}+1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

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$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ \ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_{ik}+j_{ik}-n_s-j_s-s-2\cdot\mathbb{k}_2-\boldsymbol{I}-1)!}{(2\cdot n_{ik}+j_{ik}-n_s-\boldsymbol{n}-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$$ {}^{0}S_{0}^{\text{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} $$

$$ \frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) - $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} $$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_{ik}+j_{ik}+2\cdot\mathbb{k}_1-n_s-j_s-s-2\cdot\mathbb{k}-\boldsymbol{I}-1)!}{(2\cdot n_{ik}+j_{ik}+2\cdot\mathbb{k}_1-n_s-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}-n_s-s-2\cdot\mathbb{k}_2-\mathbb{k}_1-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s-n_s-\boldsymbol{n}-2\cdot\mathbb{k}_2-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^s-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z: z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z: z = 1 \land \mathbb{k} = \mathbb{k}_2 \land j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}+\mathbb{k}_1-n_s-s-2\cdot\mathbb{k}-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s+\mathbb{k}_1-n_s-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$$ {}^{0}S_{0}^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot $$

$$ \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right. $$

$$ \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!} \right) + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot $$

$$ \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right. $$

$$ \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!} \right) + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot $$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_0^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+I)}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}\right)_{j_i}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg)\Bigg) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s-j_i-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s-j_i-j_{sa}^{s})!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}^{0}S_{0}^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-\boldsymbol{i}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-j_i-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s-j_i-j_{sa}^{s})!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\Bbbk-\boldsymbol{I}-2\cdot j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^{s}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(\boldsymbol{n}-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-2\cdot j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^{s})!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z\!: z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z\!: z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{\mathrm{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_i+j_{sa}^s-j_s-2\cdot s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_i+j_{sa}^s-j_s-2\cdot s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_i+j_{sa}^{s}-j_s-2\cdot s-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-2\cdot s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg)\Bigg) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_0^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{()}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(\boldsymbol{n}-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{()}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s})!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z\colon z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z\colon z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\ \sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
\begin{aligned}
{}^{0}S_{0}^{\dot{I}SO} &= \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s} \\
&\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} \\
&\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \\
&\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right. \\
&\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) + \\
&\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right. \\
&\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
&\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right. \\
&\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) + \\
&\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
\end{aligned}
$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}-\mathbb{k}-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(\boldsymbol{n}-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_{ik}-j_i-\Bbbk-\boldsymbol{I}-j_{sa}^{ik}\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}-j_i-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{ik}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik}\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\mathbb{k}-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{\text{İ}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg)\Bigg) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s\right)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z: z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z: z = 1 \land \Bbbk = \Bbbk_2 \land j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{\text{iso}}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg)\Bigg) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i - s - \mathbb{k} - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}\right)_{j_i}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\Bigg)\Bigg) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}\right)_{j_i}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z: z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{\dot{\imath}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s-j_{ik}-\Bbbk-\boldsymbol{I}-j_{sa}^{s}-1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s-j_{ik}-j_{sa}^{s}-1)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_0^{\dot{\mathrm{I}}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right) +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-j_{ik}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^s-1)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s-j_{ik}-j_{sa}^s-1)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z\colon z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z\colon z = 1 \land \mathbb{k} = \mathbb{k}_2 \land j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-2\cdot j_i-\Bbbk-\boldsymbol{I}-2\cdot j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-2\cdot j_i-2\cdot j_{sa}^{s}+1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-2\cdot j_i-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-2\cdot j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-2\cdot j_i-2\cdot j_{sa}^{s}+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\!:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot s-\Bbbk-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot s+1)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\!:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$$^{0}S_{0}^{\text{i}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\Bigg) -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I} + 1)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_0^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - \mathbb{k} - \boldsymbol{I} + 1\right)!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$ {}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3\cdot s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3\cdot s+1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^0S_0^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_i-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^{s}+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_i-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^{s}+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i + j_i + j_{sa}^{s} - j_s - j_{sa}^{ik} - s - \mathbb{k} - \boldsymbol{I} - 1\right)!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^{s} - j_s - j_{sa}^{ik} - s - 1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\mathrm{i}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\ \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\ \sum_{(j_{ik}=s-1)}^{(\;)}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\ \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\ \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-\Bbbk-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\!:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
\begin{aligned}
{}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s} \\
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} \\
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right. \\
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right) + \\
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right. \\
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} \\
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot \\
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right. \\
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right) + \\
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}} \\
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} \\
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot
\end{aligned}
$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-1\right)!}$$

$D\geq\boldsymbol{n}<n\land\mathbb{k}=0\land I=\boldsymbol{I}\land\boldsymbol{s}=s+\boldsymbol{I}\land j_{ik}=j_i-1\lor$

$I=\mathbb{k}+\boldsymbol{I}\land s>1\land\mathbb{k}>0\land\boldsymbol{I}>1\land\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\land$

$\mathbb{k}_z{:}\,z=2\land\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\land j_{ik}=j_i-1\lor$

$I=\mathbb{k}+\boldsymbol{I}\land s>1\land\mathbb{k}_2>0\land\mathbb{k}_1=0\land\boldsymbol{I}>1\land$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\land\mathbb{k}_z{:}\,z=1\land\mathbb{k}=\mathbb{k}_2\land j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i-\Bbbk-\boldsymbol{I}-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}-j_{sa}^{ik}-1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$ {}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} $$

$$ \frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right. $$

$$ \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!} \right) + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot $$

$$ \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right. $$

$$ \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!} \right) + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}} $$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}-j_{sa}^{ik}-1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{\dot{\imath}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2} \frac{\left(n_i+j_{sa}^{ik}-2\cdot s-\Bbbk-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-2\cdot s+1\right)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z\colon z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z\colon z = 1 \land \Bbbk = \Bbbk_2 \land j_{ik} = j_i - 1 \Rightarrow$

$$^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{sa}^{ik}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-2\cdot s+1\right)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\!:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\mathbf{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\mathbf{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\mathbf{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\mathbf{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\mathbf{n}-\boldsymbol{I}-1)!\cdot(\mathbf{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-\boldsymbol{I}-1)!\cdot(\mathbf{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\mathbf{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}}$$

$$\sum_{(n_i=\mathbf{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\mathbf{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\mathbf{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\mathbf{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\mathbf{n}-\boldsymbol{I}-1)!\cdot(\mathbf{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-\boldsymbol{I}-1)!\cdot(\mathbf{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\mathbf{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_s-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}\right)!}{\left(n_i+j_s-\mathbf{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}\right)!\cdot(\mathbf{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s-s-\Bbbk-\boldsymbol{I}-j_{sa}^s)!}{(n_i+j_s-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z : z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 1 \land \Bbbk = \Bbbk_2 \land j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{\mathrm{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i+j_s-s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(\boldsymbol{n}-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\mathbb{k}_2-\boldsymbol{I})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge\boldsymbol{I}=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_0^{\text{İ}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{ik}+j_{ik}+\mathbb{k}_1-j_s-s-\mathbb{k}-\boldsymbol{I})!}{(n_{ik}+j_{ik}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik}+j_{sa}^{ik}-s-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik})!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\Bigg) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\Bigg) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{ik}+j_{sa}^{ik}+\mathbb{k}_1-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!}{(n_{ik}+j_{ik}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik})!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_{ik}-s-2\cdot\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}+2)!}{(2\cdot n_i-n_{ik}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k}=0 \land I=\boldsymbol{I} \land \boldsymbol{s}=s+\boldsymbol{I} \lor$

$I=\mathbb{k}+\boldsymbol{I} \land s>1 \land \mathbb{k}>0 \land \boldsymbol{I}>1 \land \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \land \mathbb{k}_z\colon z=2 \land \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \lor$

$I=\mathbb{k}+\boldsymbol{I} \land s>1 \land \mathbb{k}_2>0 \land \mathbb{k}_1=0 \land \boldsymbol{I}>1 \land \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I} \land$

$\mathbb{k}_z\colon z=1 \land \mathbb{k}=\mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(\boldsymbol{n}-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-2\cdot\mathbb{k}-\boldsymbol{I}+2)!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik}+j_i-j_s-s-\Bbbk_2-\boldsymbol{I}-1)!}{(n_{ik}+j_i-\boldsymbol{n}-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{\text{İ}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{ik} + j_i + \mathbb{k}_1 - j_s - s - \mathbb{k} - \boldsymbol{I} - 1)!}{(n_{ik} + j_i + \mathbb{k}_1 - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z{:}\, z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_{ik} + j_{sa}^{ik} - s - \mathbb{k}_2 - \boldsymbol{I} - j_{sa}^{s}\right)!}{(n_{ik} + j_i - \boldsymbol{n} - \mathbb{k}_2 - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot \left(\boldsymbol{n} + j_{sa}^{ik} - s - j_i + 1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}+\mathbb{k}_1-s-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_{ik}+j_i+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_i+1\right)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_i-s-2\cdot\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}+3)!}{(2\cdot n_i-n_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_i-s-2\cdot\mathbb{k}-\boldsymbol{I}+3)!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(\boldsymbol{n}-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_s+j_i-j_s-s-\boldsymbol{I})!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{\dot{\imath}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\right)\Bigg) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_s - \boldsymbol{I} - j_{sa}^s)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s} \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_i-s-2\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}+2)!}{(2\cdot n_i-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_0^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_i-s-2\cdot\Bbbk-\boldsymbol{I}+2)!}{(2\cdot n_i-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\Bigg) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-j_{ik}-j_i-s-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}+3)!}{(3\cdot n_i-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\!:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\!:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(\boldsymbol{n}-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+I)}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-j_{ik}-j_i-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}+3)!}{(3\cdot n_i-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_i-s-2\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\ \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\ \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_i-s-2\cdot\mathbb{k}-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}^{0}S_0^{iSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-s-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I})!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}^{0}S_0^{\text{İ}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-s-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I})!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}^{0}S_0^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(\boldsymbol{n}-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_s-j_i-s-2\cdot\mathbb{k}_2-\boldsymbol{I})!}{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - j_s - j_i - s - 2 \cdot \mathbb{k} - \boldsymbol{I})!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - \boldsymbol{I} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z : z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z : z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}+j_{ik}-n_s-j_i-s-2\cdot\mathbb{k}_2-\mathbb{k}_1-\boldsymbol{I})!}{(n_i+n_{ik}+j_s+j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_2-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$ {}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot $$

$$ \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right. $$

$$ \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot $$

$$ \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right. $$

$$ \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}} $$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+n_{ik}+j_{ik}+\Bbbk_1-n_s-j_i-s-2\cdot\Bbbk-\boldsymbol{I})!}{(n_i+n_{ik}+j_s+j_{ik}+\Bbbk_1-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{\text{i}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_s+j_{ik}-j_s-s-\boldsymbol{I}+1)!}{(n_s+j_{ik}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^s+1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq \boldsymbol{n}<n\wedge \mathbb{k}=0\wedge I=\boldsymbol{I}\wedge \boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge \mathbb{k}>0\wedge \boldsymbol{I}>1\wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z: z=2\wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge \mathbb{k}_2>0\wedge \mathbb{k}_1=0\wedge \boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge \mathbb{k}_z: z=1\wedge \mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\;)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg)\Bigg) -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_s - \boldsymbol{I} - j_{sa}^{s})!}{(n_s + j_{ik} - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^{s} + 1)! \cdot (\boldsymbol{n} - j_{ik} - 1)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{İSO} = \frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg)\Bigg) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - \boldsymbol{I} + 1)!}{(2 \cdot n_i - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - \boldsymbol{I} - j_{sa}^{s} + 1)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +\right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +\right.$$

$$\left.\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$\frac{(D - s)!}{(D - \boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot \mathbb{k} - \boldsymbol{I} + 1)!}{(2 \cdot n_i - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \mathbb{k} - \boldsymbol{I} - j_{sa}^{s} + 1)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z{:}\, z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_i-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}+4)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}+4)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{\dot{\imath}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\mathbf{n}+\Bbbk+\mathbf{I})}^{(n-1)} \sum_{(n_{ik}=\mathbf{n}+\Bbbk_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\mathbf{I}-1)!}{(n_s+j_i-\mathbf{n}-\mathbf{I}-1)!\cdot(\mathbf{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-\mathbf{I}-1)!\cdot(\mathbf{n}+\mathbf{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\mathbf{I}-1)!\cdot(i-\mathbf{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\mathbf{n}-1)}\sum_{j_i=j_{ik}+1}^{\mathbf{n}}$$

$$\sum_{(n_i=\mathbf{n}+\Bbbk+\mathbf{I})}^{(n-1)} \sum_{(n_{ik}=\mathbf{n}+\Bbbk_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\mathbf{I}-1)!}{(n_s+j_i-\mathbf{n}-\mathbf{I}-1)!\cdot(\mathbf{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-\mathbf{I}-1)!\cdot(\mathbf{n}+\mathbf{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\mathbf{I}-1)!\cdot(i-\mathbf{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\mathbf{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\Bbbk+\mathbf{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_{ik}-s-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\mathbf{I}+2)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_{ik}-\mathbf{n}-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\mathbf{I}-j_{sa}^{s}+2)!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \Bbbk = 0 \wedge I = \mathbf{I} \wedge \mathbf{s} = s + \mathbf{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z : z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z : z = 1 \land \mathbb{k} = \mathbb{k}_2 \land j_{ik} = j_i - 1 \Rightarrow$

$$ {}^{0}S_0^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} $$

$$ \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right. $$

$$ \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot $$

$$ \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot $$

$$ \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right. $$

$$ \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}} $$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_i-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}+4)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s}+4)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\text{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\Bigg(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_{ik}-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}+2)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^s+2)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k} > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land$

$\mathbb{k}_z\colon z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z\colon z = 1 \land \mathbb{k} = \mathbb{k}_2 \land j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_0^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\Bigg)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\Bigg)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_{ik}-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-1)!}{(2\cdot n_i+2\cdot j_s-n_s-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_{0}^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\;)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_{ik}-s-2\cdot\mathbb{k}-\boldsymbol{I}-1)!}{(2\cdot n_i+2\cdot j_s-n_s-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{\mathrm{i}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-2\cdot j_i-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I}+1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$ {}^{0}S_{0}^{İSO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right. $$

$$ \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!} \right) + $$

$$ \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot $$

$$ \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right. $$

$$ \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!} \right) + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot $$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \Bigg) -$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D \geq \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-2\cdot j_i-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}+1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^{0}S_{0}^{iso} = \frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!} \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-s-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{\dot{I}SO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_{ik}+j_{ik}-n_s-j_s-s-2\cdot\mathbb{k}_2-\boldsymbol{I}-1)!}{(2\cdot n_{ik}+j_{ik}-n_s-\boldsymbol{n}-2\cdot\mathbb{k}_2-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D\geq\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}^{0}S_0^{iso}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_{ik}+j_{ik}+2\cdot\Bbbk_1-n_s-j_s-s-2\cdot\Bbbk-\boldsymbol{I}-1)!}{(2\cdot n_{ik}+j_{ik}+2\cdot\Bbbk_1-n_s-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z : z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \land j_{ik} = j_i - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 1 \land \Bbbk = \Bbbk_2 \land j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\mathrm{i}so} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n-1)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\ \sum_{(j_{ik}=s-1)}^{(\ )}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\ \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\ \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}-n_s-s-2\cdot\mathbb{k}_2-\mathbb{k}_1-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s-n_s-\boldsymbol{n}-2\cdot\mathbb{k}_2-\mathbb{k}_1-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{I}SO} = \frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n-1)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}+\mathbb{k}_1-n_s-s-2\cdot\mathbb{k}-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s+\mathbb{k}_1-n_s-\boldsymbol{n}-2\cdot\mathbb{k}-\boldsymbol{I}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D \geq \boldsymbol{n} < n \wedge I = \boldsymbol{I} + \Bbbk \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z > 1 \Rightarrow$

$$^{0}S_{0}^{İSO} = \prod_{z=3}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1 \vee \boldsymbol{n})}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1} \sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}\Bbbk_i-(j_i)_1 \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=2}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}\Bbbk_i+1\right)}$$

$$\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\Bbbk_i-(j_{ik})_{z-1} \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z-1}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\Bbbk_i}$$

$$\sum_{\left((n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}\Bbbk_i-(j_i)_{z-1} \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_i)_{z-1}+1\right)}^{\left((n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\Bbbk_i-1\right)}$$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!} \cdot$$

$$\frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!} \cdot$$

$$\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n_i-(n_{ik})_1-(j_i)_1+1)!} \cdot$$

$$\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)! \cdot ((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!} \cdot$$

$$\frac{((n_s)_{z=s}-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-(j_i)_{z=s})!}$$

$D \geq \boldsymbol{n} < n \wedge I = \boldsymbol{I} + \Bbbk \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z > 1 \Rightarrow$

$$^{0}S_{0}^{İSO} = \prod_{z=3}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1 \vee \boldsymbol{n})}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1} \sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}\Bbbk_i-(j_i)_1 \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=2}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}\Bbbk_i+1\right)}$$

$$\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\Bbbk_i-(j_{ik})_{z-1}\vee z=s\Rightarrow \boldsymbol{n}+\sum_{i=z-1}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\Bbbk_i}$$

$$\sum_{\left((n_s)_{z-1}=(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\Bbbk_i\right)}^{(\ )}\quad\sum_{i=\boldsymbol{I}+1}^{\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}}$$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!}\cdot\frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!}\cdot$$

$$\frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!}\cdot$$

$$\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)!\cdot(n_i-(n_{ik})_1-(j_i)_1+1)!}\cdot$$

$$\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)!\cdot((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!}\cdot$$

$$\frac{((n_s)_{z=s}-i-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}+$$

$$\prod_{z=3}^{s}\sum_{((j_i)_1=2)}^{((j_{ik})_3-1)}\sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1}\sum_{((j_i)_{z-1}=z\vee z=s\Rightarrow s)}^{((j_{ik})_{z+1}-1\vee\boldsymbol{n})}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}\Bbbk_i-(j_i)_1\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=2}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}\Bbbk_i+1\right)}$$

$$\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\Bbbk_i-(j_{ik})_{z-1}\vee z=s\Rightarrow \boldsymbol{n}+\sum_{i=z-1}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\Bbbk_i}$$

$$\sum_{\left((n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}\Bbbk_i-(j_i)_{z-1}\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=z}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_i)_{z-1}+1\right)}^{\left((n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\Bbbk_i-1\right)}\quad\sum_{i=\boldsymbol{I}+1}^{\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}}$$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!}\cdot\frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!}\cdot$$

$$\frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!}\cdot$$

$$\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)!\cdot(n_i-(n_{ik})_1-(j_i)_1+1)!}\cdot$$

$$\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)!\cdot((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!}\cdot$$

$$\left(\frac{((n_s)_{z=s}-\boldsymbol{I}-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-(j_i)_{z=s})!}+\right.$$

$$\left.\frac{((n_s)_{z=s}-i-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)$$

$D \geq \boldsymbol{n} < n \wedge I = \boldsymbol{I} + \mathbb{k} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z > 1 \Rightarrow$

$${}^{0}S_{0}^{\dot{\imath}so}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\frac{1}{(\boldsymbol{n}-s)!}\cdot\prod_{z=3}^{s}\sum_{((j_i)_1=2)}^{((j_{ik})_3-1)}\sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1}\sum_{((j_i)_{z-1}=z\vee z=s\Rightarrow s)}^{((j_{ik})_{z+1}-1\vee\boldsymbol{n})}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I}}^{n-1}\sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}\mathbb{k}_i-(j_i)_1\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=2}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}\mathbb{k}_i+1\right)}$$

$$\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\mathbb{k}_i-(j_{ik})_{z-1}\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=z-1}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\mathbb{k}_i}$$

$$\sum_{\left((n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}\mathbb{k}_i-(j_i)_{z-1}\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=z}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_i)_{z-1}+1\right)}^{\left((n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\mathbb{k}_i-1\right)}$$

$$\frac{(\boldsymbol{n}-s)!}{(\boldsymbol{n}-s-(j_i)_1+2)!}\cdot\frac{\left(\boldsymbol{n}-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(\boldsymbol{n}-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-(j_i)_{z=s})!}{(\boldsymbol{n}-\boldsymbol{n})!}\cdot$$

$$\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)!\cdot(n_i-(n_{ik})_1-(j_i)_1+1)!}\cdot$$

$$\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)!\cdot((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!}\cdot$$

$$\frac{((n_s)_{z=s}-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-(j_i)_{z=s})!}$$

$D \geq \boldsymbol{n} < n \wedge I = \boldsymbol{I} + \mathbb{k} \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z > 1 \Rightarrow$

$$
{}^{0}S_{0}^{İSO}=\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\frac{1}{(\boldsymbol{n}-s)!}\cdot\prod_{z=3}^{s}\sum_{((j_i)_1=2)}^{((j_{ik})_3-1)}\sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1}\sum_{((j_i)_{z-1}=z\vee z=s\Rightarrow s)}^{((j_{ik})_{z+1}-1\vee\boldsymbol{n})}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}\Bbbk_i-(j_i)_1\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=2}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}\Bbbk_i+1\right)}
$$

$$
\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\Bbbk_i-(j_{ik})_{z-1}\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=z-1}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\Bbbk_i}
$$

$$
\sum_{\left((n_s)_{z-1}=(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\Bbbk_i\right)}^{(\ )}\sum_{i=\boldsymbol{I}+1}^{\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}}
$$

$$
\frac{(\boldsymbol{n}-s)!}{(\boldsymbol{n}-s-(j_i)_1+2)!}\cdot\frac{\left(\boldsymbol{n}-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(\boldsymbol{n}-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!}\cdot
$$

$$
\frac{(\boldsymbol{n}-(j_i)_{z=s})!}{(\boldsymbol{n}-\boldsymbol{n})!}\cdot
$$

$$
\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)!\cdot(n_i-(n_{ik})_1-(j_i)_1+1)!}\cdot
$$

$$
\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)!\cdot((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!}\cdot
$$

$$
\frac{((n_s)_{z=s}-i-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}+
$$

$$
\frac{(D-s)!}{(D-\boldsymbol{n})!}\cdot\frac{1}{(\boldsymbol{n}-s)!}\cdot\prod_{z=3}^{s}\sum_{((j_i)_1=2)}^{((j_{ik})_3-1)}\sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1}\sum_{((j_i)_{z-1}=z\vee z=s\Rightarrow s)}^{((j_{ik})_{z+1}-1\vee\boldsymbol{n})}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n-1}\sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}\Bbbk_i-(j_i)_1\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=2}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}\Bbbk_i+1\right)}
$$

$$
\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\Bbbk_i-(j_{ik})_{z-1}\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=z-1}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\Bbbk_i}
$$

$$\sum_{\left((n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}\mathbb{k}_i-(j_i)_{z-1}\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=z}^{s-1}\mathbb{k}_i+\boldsymbol{I}-(j_i)_{z-1}+1\right)}^{\left((n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\mathbb{k}_i-1\right)} \quad \sum_{i=\boldsymbol{I}+1}^{\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}}$$

$$\frac{(\boldsymbol{n}-s)!}{(\boldsymbol{n}-s-(j_i)_1+2)!}\cdot\frac{\left(\boldsymbol{n}-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(\boldsymbol{n}-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-(j_i)_{z=s})!}{(\boldsymbol{n}-\boldsymbol{n})!}\cdot$$

$$\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)!\cdot(n_i-(n_{ik})_1-(j_i)_1+1)!}\cdot$$

$$\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)!\cdot((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!}\cdot$$

$$\left(\frac{((n_s)_{z=s}-\boldsymbol{I}-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-(j_i)_{z=s})!}+\right.$$

$$\left.\frac{((n_s)_{z=s}-i-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)$$

BAĞIMSIZ DURUMLA BAŞLAYAN DAĞILIMLARDA BİR BAĞIMLI-BAĞIMSIZ DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİK BULUNMAMA OLASILIĞI

Simetri bir bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde $\{1, 0, 0, 0\}$, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı durum bulunan dağılımlardan düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısı; bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı durumun bağımsız tek simetrik olasılığından, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılığın çıkarılmasına eşit olur. Simetri bir bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı durum bulunan dağılımlarda ilk düzgün olmayan simetrik bulunmama olasılığı için,

$${}^{0}S_{0}^{\dot{I}SO,B} = {}_{0,1t}^{\;\;1}S_{1}^{1} - {}^{0}S_{0}^{\dot{I}SO}$$

eşitliği elde edilir. Bu eşitliğe bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda, simetri bir bağımlı durumla başlayıp bağımsız durumlarla bittiğinde; bağımsız durumla başlayıp ilk bağımlı durumu simetrinin bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı*** denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı ${}^{0}S_{0}^{\dot{I}SO,B}$ ile gösterilecektir.

BAĞIMSIZ DURUMLA BAŞLAYAN DAĞILIMLARDA BAĞIMLI-BAĞIMSIZ DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİK BULUNMAMA OLASILIĞI

Simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde $\{1, 2, 0, 0, 3, 0, 0, 0\}$ veya $\{1, 2, 3, 0, 0, 0\}$, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı durum bulunan dağılımlardan düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısı; bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı durumun bağımsız tek simetrik olasılığından, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik olasılığın çıkarılmasına eşit olur. Simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı durum bulunan dağılımlarda ilk düzgün olmayan simetrik bulunmama olasılığı için,

$${}^{0}S_{0}^{\dot{I}SO,B} = {}_{0,1t}^{\ 1}S_{1}^{1} - {}^{0}S_{0}^{\dot{I}SO}$$

eşitliği elde edilir. Bu eşitliğe bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda, simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde; bağımsız durumla başlayıp ilk bağımlı durumu simetrinin ilk bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı*** denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı ${}^{0}S_{0}^{\dot{I}SO,B}$ ile gösterilecektir.

BÖLÜM E1 İLK DÜZGÜN OLMAYAN SİMETRİK OLASILIK ÖZET

- Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli olasılık dağılımlarından, simetrinin ilk bağımlı durumuyla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetrinin ilk bağımlı durumu bulunan dağılımlardaki, düzgün olmayan simetrik olasılıklar; ilk simetrik olasılıktan, ilk düzgün simetrik olasılığın farkına eşit olur.

$$S^{\text{İ}so} = S^{\text{İ}s} - S^{\text{İ}ss}$$

veya

$${}_0S^{\text{İ}so} = {}_0S^{\text{İ}s} - {}_0S^{\text{İ}ss}$$

veya

$${}^0S^{\text{İ}so} = {}^0S^{\text{İ}s} - {}^0S^{\text{İ}ss}$$

- Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli olasılık dağılımlarından, bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetrinin ilk bağımlı durumu bulunan dağılımlardaki, düzgün olmayan simetrik olasılıklar; aynı dağılımlardaki ilk simetrik olasılıktan, ilk düzgün simetrik olasılığın farkına eşit olur.

$$S_0^{\text{İ}so} = S_0^{\text{İ}s} - S_0^{\text{İ}ss}$$

veya

$${}_0S_0^{\text{İ}so} = {}_0S_0^{\text{İ}s} - {}_0S_0^{\text{İ}ss}$$

veya

$${}^0S_0^{\text{İ}so} = {}^0S_0^{\text{İ}s} - {}^0S_0^{\text{İ}ss}$$

- Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli olasılık dağılımlarından, simetrinin ilk bağımlı durumuyla başlayan dağılımlardaki, düzgün olmayan simetrik olasılıklar; aynı dağılımlardaki ilk simetrik olasılıktan, ilk düzgün simetrik olasılıkların farkına eşit olur.

$$S_D^{\text{İ}so} = S_D^{\text{İ}s} - S_D^{\text{İ}ss}$$

veya

$${}_0S_D^{\text{İ}so} = {}_0S_D^{\text{İ}s} - {}_0S_D^{\text{İ}ss}$$

veya

$${}^0S_D^{\text{İ}so} = {}^0S_D^{\text{İ}s} - {}^0S_D^{\text{İ}ss}$$

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bağımsız ilk düzgün simetrik olasılık, 2.2.4.3/687

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bağımsız ilk düzgün simetrik bulunmama olasılığı, 2.2.4.3/702

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bağımlı ilk simetrik bulunmama olasılığı, 2.2.3/377

bağımlı ilk düzgün simetrik bulunmama olasılığı, 2.2.4.3/702

bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı, 2.2.9/649

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ilk düzgün simetrik olasılık, 2.2.4.2/6

ilk düzgün olmayan simetrik olasılık, 2.2.7.1/8

ilk simetrik bulunmama olasılığı, 2.2.3/367

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bağımsız ilk düzgün simetrik bulunmama olasılığı, 2.2.4.2/566

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ilk simetrik bulunmama olasılığı, 2.2.3/371

ilk düzgün simetrik bulunmama olasılığı, 2.2.4.2/569

ilk düzgün olmayan simetrik bulunmama olasılığı, 2.2.8.1/620

bağımsız ilk simetrik olasılık, 2.2.3/204

bağımsız ilk düzgün simetrik olasılık, 2.2.4.2/562

bağımsız ilk düzgün olmayan simetrik olasılık, 2.2.8.2/7

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bağımlı ilk düzgün olmayan simetrik olasılık, 2.2.8.3/9

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bağımlı ilk düzgün simetrik bulunmama olasılığı, 2.2.4.2/570

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bağımsız birlikte ilk düzgün simetrik olasılık, 2.2.4.3/698

bağımsız birlikte ilk düzgün olmayan simetrik olasılık, 2.2.9/645

bağımsız birlikte ilk simetrik bulunmama olasılığı, 2.2.3/380

bağımsız birlikte ilk düzgün simetrik bulunmama olasılığı, 2.2.4.3/704

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bağımlı birlikte ilk simetrik olasılık, 2.2.3/360

bağımlı birlikte ilk düzgün simetrik olasılık, 2.2.4.3/698

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bağımlı birlikte ilk düzgün olmayan simetrik bulunmama olasılığı, 2.2.9/652

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VDOİHİ'nin bu cildinde verilen ilk düzgün olmayan simetrik olasılık eşitlikleri teorik yöntemle üretilmiştir. Tanım ve eşitliklerin üretilmesinde dış kaynak kullanılmamıştır.