VDOİHİ

Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimli Bağımsız-Bağımlı Durumlu Simetrinin İlk Düzgün Olmayan Simetrik Olasılığı

Cilt 2.1.6

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Matematik / İstatistik / Olasılık

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1. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli ilk düzgün olmayan simetrik olasılık 2. Bağımsız-bağımlı 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 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.

İÇİNDEKİLER

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 (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 j^{sa}'da bulunan durumun (simetrinin j_{sa}' daki bağımlı durum) bir bağımlı ve bir bağımsız olasılıklı dağılımlarda bulunabileceği olayların, dağılımın ilk olayından itibaren sırası

ι: bağımsız durum sayısı

I: simetrinin bağımsız durum sayısı

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

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

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

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

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

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

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

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

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

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

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

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

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

D: bağımlı durum sayısı

D_i: olayın durum sayısı

s: simetrinin bağımlı durum sayısı

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

$\boldsymbol{n_s}$: 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 farklı dizilimli bağımlı durumlu simetrik olasılık

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$S_{j_s,j_i\Leftarrow}$: 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

$S_{j_s,j_{ik},j^{sa}}^{DOSD}$: 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 farklı dizilimli bağımlı durumlu simetrik bulunmama olasılığı

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

durumlu ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu ilk simetrik bulunmama olasılığı

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

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

${}^{0}S_0^{B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu bağımsız simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu bağımsız simetrik bulunmama olasılığı

${}^{0}S_0^{\dot{I}S,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı bir bağımlı-bir bağımsız bağımsız ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı bağımlı-bir bağımsız bağımsız ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı bir bağımlı-bağımsız bağımsız ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı bağımlı-bağımsız bağımsız ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı bağımsız-bağımsız bağımsız ilk simetrik bulunmama olasılığı

${}^{0}S_0^{\dot{I}SS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı

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

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

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

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

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

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

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

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

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

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

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

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

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

S_{T}: toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı durumlu toplam simetrik olasılık

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

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

${}_{0}S^{BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli birlikte simetrik olasılık

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

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

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

${}_{0}S_{0}^{BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız birlikte simetrik olasılık

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

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

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

${}_{0}S_{D}^{BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte simetrik olasılık

${}_{0}S_{D}^{İS,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte ilk simetrik olasılık

${}_{0}S_{D}^{İSS,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte ilk düzgün simetrik olasılık

${}_{0}S_{D}^{İSO,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte ilk düzgün olmayan simetrik olasılık

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

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

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

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

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

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

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

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

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

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

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

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

${}_0S_0^{BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız birlikte simetrik bulunmama olasılığı

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

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

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

${}_0S_D^{BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte simetrik bulunmama olasılığı

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

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

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

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

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

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

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

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

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

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

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

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

BAĞIMLI VE BİR BAĞIMSIZ OLASILIKLI FARKLI DİZİLİMLİ DAĞILIMLAR

D

Bağımlı ve Bir Bağımsız Olasılıklı Farlı Dizilimli Dağılımlar

- **İlk Düzgün Olmayan Simetri**
- **Bağımsız-Bağımlı Durumlu İlk Düzgün Olmayan Simetri**

Önceki bölümlerde durum sayısı olay sayısına eşit veya büyük olan bağımlı olasılıklı dağılımların olasılıkları incelendi. Bu bölümde durum sayısı olay sayısından küçük bağımlı olasılık $(D < n)$ veya bağımlı ve bir bağımsız durumlu dağılımın olasılıkları incelenecektir. Bağımlı durum sayısı bağımlı olay sayısı eşit, bağımlı durum sayısı bağımlı olay sayısından büyük farklı dizilimli veya farklı dizilimsiz bağımlı durum sayısının bağımlı olay sayısından büyük her bir dağılımına bağımsız olasılıklı seçimle belirlenen bir bağımsız durumun dağılımıyla, bağımlı ve bir bağımsız olasılıklı dağılımlar elde edilebilir. Bu dağılımlar; bağımlı ve bir bağımsız olasılıklı farklı dizilimli veya bağımlı ve bir bağımsız olasılıklı farlı dizilimsiz dağılımlardır. Durum sayısı olay sayısından küçük olduğunda yapılacak seçimlerde $n - D$ kadar olaya durum belirlenemez. Yapılacak seçimlerde farklı dizilimli ve farklı dizilimsiz dağılımlarda durum belirlenmeyen olayların durumları sıfır (0) ile gösterilebilir. Bir olasılık dağılımında $n - D$ kadar sıfırın veya aynı bağımsız durumun olması, bağımsız olasılıklı seçimlerde, bir dağılımın birden fazla olayında aynı durumun belirlenebilmesiyle ilgilidir.

Bu bölümde, yapılacak her bir seçimde bir durumun belirlenebileceği ***bağımlı durum sayısı bağımlı olay sayısına eşit*** $(D = \boldsymbol{n\ ve}$ "$\boldsymbol{n}$: $bağımlı\ olay\ sayısı$") seçimlerle elde edilebilecek, bağımlı ve bir bağımsız olasılıklı 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 sınıflandırılacaktır. Simetri bağımsız durumla başladığında, aynı yöntemle simetrinin başladığı bağımlı durum belirlenir.

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 farklı dizilimli dağılımlarda, bağımlı olasılıklı 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 durumuyla 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, bu 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. İki 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 sınıflandırılacaktır. 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) 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 farklı dizilimli dağılımlardaki, simetrik ve düzgün simetrik olasılık eşitlikleri hem olasılık dağılım tablo değerlerinden hem de teorik yöntemle çıkarılabilecektir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlardaki, düzgün olmayan simetrik olasılıklar ise sadece teorik yöntemlerle çıkarılacaktır. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımların inceleneceği ciltlerde, bulunmama olasılıklarının 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.

Bu ciltte bağımsız-bağımlı durumlu simetrinin, hem bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetrinin ilk bağımlı durumu bulunan ve simetrinin ilk bağımlı durumuyla başlayan dağılımlar hem bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetrinin ilk bağımlı durumu bulunan hem de simetrinin ilk bağımlı durumuyla başlayan dağılımlardaki, ilk düzgün olmayan simetrik ve ilk düzgün olmayan simetrik bulunmama olasılığının eşitlikleri verilecektir.

BAĞIMSIZ-BAĞIMLI DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİ

Simetri bağımsız durumla başlayıp, bağımlı durumla bittiğinde $\{0, 0, 0, 1, 2, 3, 4, 5\}$ veya $\{0, 0, 0, 1, 2, \mathbf{0}, \mathbf{0}, \mathbf{0}, 3, 4, \mathbf{0}, \mathbf{0}, 5\}$, simetrinin ilk bağımlı durumuyla başlayan dağılımlarda veya bağımsız durumla başlayıp sonra simetrinin ilk bağımlı durumunun bulunduğu dağılımlarda, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısı; aynı şartlı ilk simetrik olasılıktan, aynı şartlı ilk düzgün simetrik olasılığın farkına eşit olur. Simetri bağımsız durumla başlayıp, bağımlı durumla bittiğinde, simetrinin ilk bağımlı durumuyla başlayan ve son olayı bağımsız durumla başlayıp sonraki olayların ilkinde simetrinin ilk bağımlı durumu bulunan dağılımlardaki düzgün olmayan simetrik olasılıklar için;

$${}_0S^{\text{İso}} = {}_0S^{\text{İs}} - {}_0S^{\text{İss}}$$

ve eşitliğin sağındaki terimlerin, simetri bağımsız durumla başlayıp bağımlı durumlar arasında bağımsız durum bulunmadan bağımlı durumla bittiğinde $\{0, 0, 0, 1, 2, 3, 4, 5\}$ eşitleri yazıldığında,

$${}_0S^{\text{İso}} = \frac{n!}{(2 \cdot n - \iota - D)!} \cdot \frac{(2 \cdot n - D - \iota - I)!}{(n - \iota)! \cdot (n - D - I)!} \cdot \left(\frac{D!}{D} \cdot \frac{1}{(\boldsymbol{s} - I - 1)!}\right) - \frac{(n - \boldsymbol{s} + 1)!}{(\iota - I)! \cdot (D + I - \boldsymbol{s} + 1)}$$

$$I = \mathbb{1}$$

$$\boldsymbol{s} = s + I = s + \mathbb{1}$$

veya

$${}_0S^{\text{İso}} = \frac{(n - I)!}{(\iota - I)! \cdot (n - \iota)} \cdot \frac{1}{(\boldsymbol{s} - I - 1)!} - \frac{(n - \boldsymbol{s} + 1)!}{(\iota - I)! \cdot (n + I - \iota - \boldsymbol{s} + 1)}$$

veya

$${}_0S^{\text{İso}} = \frac{(n - I)!}{(\iota - I)! \cdot (n - \iota)} \cdot \frac{1}{(s - 1)!} - \frac{(n - s - I + 1)!}{(\iota - I)! \cdot (n - s - \iota + 1)}$$

veya

$${}_0S^{\text{İso}} = (D - s)! \cdot \sum_{j=s}^{D} \sum_{(n_i = D)}^{n - \mathbb{1}} \sum_{n_s = D - j + 1}^{n_i - j + 1}$$

$$\frac{(j - 2)!}{(j - s)! \cdot (s - 2)!} \cdot \frac{(n_i - n_s - 1)!}{(j - 2)! \cdot (n_i - n_s - j + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j - D - 1)! \cdot (D - j)!} -$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_i=s)}\sum_{(n_i=D)}^{n-\mathbb{1}}\sum_{n_s=n_i-j_i+1}$$

$$\frac{(n_i-s)!}{(n_i-D)!\cdot(D-s)!}$$

$$ {}_0S^{\text{İ}so}=(D-s)!\cdot\left(\sum_{j=s}\sum_{(n_i=D)}^{n-\mathbb{1}}\sum_{n_s=D-j+1}^{n_i-j+1}\right.$$

$$\frac{(j-2)!}{(j-s)!\cdot(s-2)!}\cdot\frac{(n_i-n_s-1)!}{(j-2)!\cdot(n_i-n_s-j+1)!}\cdot\frac{(n_s-1)!}{(n_s+j-D-1)!\cdot(D-j)!}+$$

$$\sum_{j=s+1}^{D}\sum_{(n_i=D)}^{n-\mathbb{1}}\sum_{n_s=D-j+1}^{n_i-j+1}$$

$$\left.\frac{(j-2)!}{(j-s)!\cdot(s-2)!}\cdot\frac{(n_i-n_s-1)!}{(j-2)!\cdot(n_i-n_s-j+1)!}\cdot\frac{(n_s-1)!}{(n_s+j-D-1)!\cdot(D-j)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_i=s)}\sum_{(n_i=D)}^{n-\mathbb{1}}\sum_{n_s=n_i-j_i+1}$$

$$\frac{(n_i-s)!}{(n_i-D)!\cdot(D-s)!}$$

$$ {}_0S^{\text{İ}so}=(D-s)!\cdot\left(\sum_{j=s}\sum_{(n_i=D)}^{n-\mathbb{1}}\sum_{n_s=D-j+1}^{n_i-j}\right.$$

$$\frac{(j-2)!}{(j-s)!\cdot(s-2)!}\cdot\frac{(n_i-n_s-1)!}{(j-2)!\cdot(n_i-n_s-j+1)!}\cdot\frac{(n_s-1)!}{(n_s+j-D-1)!\cdot(D-j)!}+$$

$$\sum_{j=s+1}^{D}\sum_{(n_i=D)}^{n-\mathbb{1}}\sum_{n_s=D-j+1}^{n_i-j+1}$$

$$\left.\frac{(j-2)!}{(j-s)!\cdot(s-2)!}\cdot\frac{(n_i-n_s-1)!}{(j-2)!\cdot(n_i-n_s-j+1)!}\cdot\frac{(n_s-1)!}{(n_s+j-D-1)!\cdot(D-j)!}\right)$$

$$ {}_0S^{\text{İ}so}=(D-s)!\cdot\left(\sum_{j=s}\sum_{(n_i=D)}^{n-\mathbb{1}}\sum_{n_s=D-j+1}^{n_i-j}\right.$$

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

$$\sum_{j=s+1}^{D} \sum_{(n_i=D)}^{n-\mathbb{1}} \sum_{n_s=D-j+1}^{n_i-j+1}$$

$$\frac{(j-2)!}{(j-s)!\cdot(s-2)!}\cdot\frac{(n_i-n_s-1)!}{(j-2)!\cdot(n_i-n_s-j+1)!}\cdot\frac{(n_s-1)!}{(n_s+j-D-1)!\cdot(D-j)!}\Bigg)$$

veya simetri bağımsız durumla başlayıp bağımlı durumlar arasında bağımsız durumlar bulunup bağımlı durumla bittiğinde $\{0,0,0,1,2,\mathbf{0},\mathbf{0},\mathbf{0},3,4,\mathbf{0},\mathbf{0},5\}$ ise, aynı şartlı simetrik olasılık eşitliğinin sağındaki ilk toplam terimi, ilk simetrik olasılığı vereceğinden,

$${}_0S^{\text{İSO}} = \prod_{z=3}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z\vee z=s\Rightarrow s)}^{((j_{ik})_{z+1}-1\vee\boldsymbol{n})}$$

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

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

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

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

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

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

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

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

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{l}} \sum_{\left((n_{ik})_1=n_i-(j_i)_1-\sum_{i=1}\Bbbk_i+1\right)}^{(\ )}$$

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

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

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

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

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

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

$${}_0S^{\text{İ}SO}=\prod_{z=3}^{s}\sum_{((j_i)_1=2)}^{((j_{ik})_3-1)}\sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1}\sum_{((j_i)_{z-1}=z\vee z=s\Rightarrow s)}^{((j_{ik})_{z+1}-1\vee\boldsymbol{n})}$$

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

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

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

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

$D = \boldsymbol{n} < n$

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

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

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

veya

$${}_0S^{iso} = (D-s)! \cdot \left(\sum_{j=s} \sum_{(n_i = D + \Bbbk)}^{n-\mathbb{l}} \sum_{n_s = D-j+1}^{n_i - j - \Bbbk} \right.$$

$$\frac{(n_i - n_s - \Bbbk - 1)!}{(j-2)! \cdot (n_i - n_s - j - \Bbbk + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j - D - 1)! \cdot (D - j)!} +$$

$$\sum_{j=s+1}^{D} \sum_{(n_i = D + \Bbbk)}^{n-\mathbb{l}} \sum_{n_s = D-j+1}^{n_i - j - \Bbbk + 1} \frac{(j-2)!}{(j-s)! \cdot (s-2)!} \cdot$$

$$\left. \frac{(n_i - n_s - \Bbbk - 1)!}{(j-2)! \cdot (n_i - n_s - j - \Bbbk + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j - D - 1)! \cdot (D - j)!} \right)$$

fakat bu eşitlik $\Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3 + \cdots + \Bbbk_y \wedge y > D - s \vee s = 2$ *şartında doğrudur*

$\{0, 0, 0, 1, 2, \mathbf{0}, \mathbf{0}, \mathbf{0}, 3, 4, \mathbf{0}, \mathbf{0}, 5\} \Rightarrow \ y = 2 \wedge \Bbbk_1 = 3, \Bbbk_2 = 2 \wedge \Bbbk = 3 + 2 = 5$

veya

$${}_0S^{iso} = (D-s)! \cdot \left(\sum_{j=s} \sum_{(n_i = \boldsymbol{n} + \Bbbk)}^{n-\mathbb{l}} \sum_{n_s = \boldsymbol{n}-j+1}^{n_i - j - \Bbbk} \frac{(j-3)!}{(j-s)! \cdot (s-3)!} \cdot \right.$$

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

$$\sum_{j=s+1}^{\boldsymbol{n}} \sum_{(n_i = \boldsymbol{n} + \Bbbk)}^{n-\mathbb{l}} \sum_{n_s = \boldsymbol{n}-j+1}^{n_i - j - \Bbbk + 1} \frac{(j-3)!}{(j-s)! \cdot (s-3)!} \cdot$$

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

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

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa}-1)!\cdot(j_{sa}-2)!}\cdot\frac{(n_i-n_s-1)!}{(j^{sa}-2)!\cdot(n_i-n_s-j^{sa}+1)!}\cdot$$

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

eşitlikleri elde edilir. Bu eşitliklere bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün olmayan simetrik olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlarında, simetri bağımsız durumla başlayıp bağımlı durumla bittiğinde; simetrinin ilk bağımlı durumuyla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin ilk bağımlı durumu olan dağılımlarda, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün olmayan simetrik olasılık*** denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün olmayan simetrik olasılık ${}_0S^{İso}$ $({}_0S^{İso} = {}_0S_0^{İso})$ ile gösterilecektir.

$s=2\wedge j_i>2\Rightarrow$

$$\frac{(n_i-n_s-\Bbbk-1)!}{(j-2)!\cdot(n_i-n_s-j-\Bbbk+1)!}\longrightarrow$$

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

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

$s=2\wedge j_i=2\Rightarrow$

$$\frac{(n_i-n_s-\Bbbk-1)!}{(j-2)!\cdot(n_i-n_s-j-\Bbbk+1)!}\longrightarrow$$

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

$s=2\wedge j_i>2\Rightarrow$

$$\frac{(n_i-n_s-I-1)!}{(j-2)!\cdot(n_i-n_s-j-I+1)!}\longrightarrow$$

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

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

$s = 2 \wedge j_i = 2 \Rightarrow$

$$\frac{(n_i - n_s - I - 1)!}{(j - 2)! \cdot (n_i - n_s - j - I + 1)!} \longrightarrow$$

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

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

$${}_0S^{\mathrm{iso}} = \frac{n!}{(2 \cdot n - \iota - D)!} \cdot \frac{(2 \cdot n - D - \iota - I)!}{(n - \iota)! \cdot (n - D - I)!} \cdot \left(\frac{D!}{D} \cdot \frac{1}{(\boldsymbol{s} - I - 1)!}\right) - \frac{(n - \boldsymbol{s} + 1)!}{(\iota - I)! \cdot (D + I - \boldsymbol{s} + 1)}$$

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

$${}_0S^{\mathrm{iso}} = \frac{(n - I)!}{(n - \iota)! \cdot (\iota - I)!} \cdot \left(\frac{D!}{D} \cdot \frac{1}{(\boldsymbol{s} - I - 1)!}\right) - \frac{(n - \boldsymbol{s} + 1)!}{(\iota - I)! \cdot (D + I - \boldsymbol{s} + 1)}$$

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

$${}_0S^{\mathrm{iso}} = \frac{(n - I)!}{(\iota - I)! \cdot (n - \iota)} \cdot \frac{1}{(\boldsymbol{s} - I - 1)!} - \frac{(n - \boldsymbol{s} + 1)!}{(\iota - I)! \cdot (n + I - \iota - \boldsymbol{s} + 1)}$$

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

$${}_0S^{\mathrm{iso}} = \frac{(n - I)!}{(\iota - I)! \cdot (n - \iota)} \cdot \frac{1}{(s - 1)!} - \frac{(n - s - I + 1)!}{(\iota - I)! \cdot (n - s - \iota + 1)}$$

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

$${}_0S^{\mathrm{iso}} = (D - s)! \cdot \left(\sum_{j=s} \sum_{(n_i=D)}^{n-\mathbb{I}} \sum_{n_s=D-j+1}^{n_i-j} \frac{(n_i - n_s - 1)!}{(j - 2)! \cdot (n_i - n_s - j + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j - D - 1)! \cdot (D - j)!} + \sum_{j=s+1}^{D} \sum_{(n_i=D)}^{n-\mathbb{I}} \sum_{n_s=D-j+1}^{n_i-j+1} \frac{(j - 2)!}{(j - s)! \cdot (s - 2)!} \cdot \frac{(n_i - n_s - 1)!}{(j - 2)! \cdot (n_i - n_s - j + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j - D - 1)! \cdot (D - j)!}\right)$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge y > D - s \vee s = 2 \Rightarrow$

$$ {}_{0}S^{\dot{I}SO} = (D-2)! \cdot \left(\sum_{j=s} \sum_{(n_i=D+\mathbb{k})}^{n-\mathbb{l}} \sum_{n_s=D-j+1}^{n_i-j-\mathbb{k}} \frac{(n_i-n_s-\mathbb{k}-1)!}{(j-2)! \cdot (n_i-n_s-j-\mathbb{k}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j-D-1)! \cdot (D-j)!} + \sum_{j=s+1}^{D} \sum_{(n_i=D+\mathbb{k})}^{n-\mathbb{l}} \sum_{n_s=D-j+1}^{n_i-j-\mathbb{k}+1} \frac{(n_i-n_s-\mathbb{k}-1)!}{(j-2)! \cdot (n_i-n_s-j-\mathbb{k}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j-D-1)! \cdot (D-j)!} \right) $$

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \mathbb{k} > 0 \wedge \mathbb{k} = \mathbb{k}_1 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k}_1 \Rightarrow$

$$ {}_{0}S^{\dot{I}SO} = (D-s)! \cdot \left(\sum_{j=s} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{n-\mathbb{l}} \sum_{n_s=\boldsymbol{n}-j+1}^{n_i-j-\mathbb{k}} \frac{(j-3)!}{(j-s)! \cdot (s-3)!} \cdot \frac{(n_i-n_s-\mathbb{k}-1)!}{(j-2)! \cdot (n_i-n_s-j-\mathbb{k}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j)!} + \sum_{j=s+1}^{\boldsymbol{n}} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{n-\mathbb{l}} \sum_{n_s=\boldsymbol{n}-j+1}^{n_i-j-\mathbb{k}+1} \frac{(j-3)!}{(j-s)! \cdot (s-3)!} \cdot \frac{(n_i-n_s-\mathbb{k}-1)!}{(j-2)! \cdot (n_i-n_s-j-\mathbb{k}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j)!} \right) + (D-s)! \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}-(s-j_{sa})} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{n-\mathbb{l}} \sum_{n_s=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \frac{(j^{sa}-3)!}{(j^{sa}-j_{sa}-1)! \cdot (j_{sa}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_s-1)!}{(j^{sa}-2)! \cdot (n_i-n_s-j^{sa}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} $$

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} \wedge \mathbb{k} = 0 \wedge \boldsymbol{s} = s + \mathbb{l} \wedge s = 2 \Rightarrow$

$$_0S^{\dot{\mathrm{I}}SO} = (D-2)! \cdot \left(\sum_{j=2} \sum_{(n_i=D)}^{n-\mathbb{l}} \sum_{n_s=D-j+1}^{n_i-j} \frac{(n_i-n_s-1)!}{(j-2)! \cdot (n_i-n_s-j+1)!} \cdot \frac{(n_s-1)!}{(n_s+j-D-1)! \cdot (D-j)!} + \right.$$

$$\left. \sum_{j=3}^{D} \sum_{(n_i=D)}^{n-\mathbb{l}} \sum_{n_s=D-j+1}^{n_i-j+1} \frac{(n_i-n_s-1)!}{(j-2)! \cdot (n_i-n_s-j+1)!} \cdot \frac{(n_s-1)!}{(n_s+j-D-1)! \cdot (D-j)!} \right)$$

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

$$_0S^{\dot{\mathrm{I}}SO} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

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

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

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

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

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

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

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

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

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

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

$$_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

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

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

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

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

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

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

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

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

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

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

$$_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

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

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

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

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

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

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

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

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

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

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

$${}_0S^{ISO} = (D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\;\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

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

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

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\mathbb{k}\wedge\boldsymbol{s}=s+I\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{\mathrm{I}}SO}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{sa}-1)}\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

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

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\mathbb{k}\wedge\boldsymbol{s}=s+I\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{\mathrm{I}}SO}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{sa}-1)}\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

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

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

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

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

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

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

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

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

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

$${}_0S^{\text{iso}}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

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

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

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

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

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

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

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

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

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

$$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\mathbb{k}\wedge\boldsymbol{s}=s+I\wedge\mathbb{k}_z\colon z=1\Rightarrow$$

$${}_0S^{\dot{\imath}so}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

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

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

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\mathbb{k}\wedge \boldsymbol{s}=s+I\wedge \mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$_{0}S^{\text{iso}}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

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

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\mathbb{k}\wedge \boldsymbol{s}=s+I\wedge \mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$_{0}S^{\text{iso}}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

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

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\Bbbk\wedge\boldsymbol{s}=s+I\wedge\Bbbk_z\colon z=1\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\;\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{l}}\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

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

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

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

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

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

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

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

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

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

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

$${}_0S^{\text{iso}} = (D-s)!\cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

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

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

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

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

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

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

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

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

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

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

$$
{}_0S^{\dot{I}so} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
$$

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

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

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

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

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

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

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

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

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

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

$$
D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \boldsymbol{s} = s + I \wedge \mathbb{k}_z \colon z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow
$$

$$
{}_0S^{\dot{I}so} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}
$$

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

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

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \boldsymbol{s} = s + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{\imath}so} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

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

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

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}+\mathbb{k}\wedge\boldsymbol{s}=s+I\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{\mathrm{I}}so}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\ \sum_{(j_{ik}=j^{sa}-1)}\ \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{I}}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

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

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

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

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

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

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

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

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

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

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

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

$${}_0S^{\dot{\imath}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\left(\frac{(n_i - s - \mathbb{k})!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot (\boldsymbol{n} - s)!}\right)_{j^{sa}}$$

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

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

$${}_0S^{İSO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S^{\dot{\imath}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S^{\dot{\mathrm{I}}so} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{k}-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

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

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

$${}_0S^{\text{İSO}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{(n_i=\mathbf{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

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

$D = \mathbf{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \mathbf{s} = s + \mathbb{l} \vee$

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

$${}_0S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_{0}S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S^{\dot{I}SO} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$
{}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}
$$

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

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

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

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

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

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

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

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

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

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

$$
\left(\frac{(n_i-s-\Bbbk)!}{(n_i-\boldsymbol{n}-\Bbbk)! \cdot (\boldsymbol{n}-s)!} \right)_{j^{sa}}
$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_{0}S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

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

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

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

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

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

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

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

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}
$$

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

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

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

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

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

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

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

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

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

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

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

$$
D=\boldsymbol{n}<n \wedge \Bbbk=0 \wedge I=\mathbb{l} \wedge \boldsymbol{s}=s+\mathbb{l} \wedge j_{ik}=j^{sa}-1 \vee
$$

$$
I=\mathbb{l}+\Bbbk \wedge s>1 \wedge \mathbb{l}>0 \wedge \Bbbk>0 \wedge \boldsymbol{s}=s+\mathbb{l}+\Bbbk \wedge \Bbbk_z\!: z=1 \wedge j_{ik}=j^{sa}-1 \Rightarrow
$$

$$
{}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}
$$

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

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

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

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}
$$

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

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

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

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

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

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

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

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

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

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

$$
\frac{\left(n_i+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2 \cdot j_{sa}-s-\mathbb{k}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})! \cdot \left(\boldsymbol{n}+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2 \cdot j_{sa}-s+1\right)!}
$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}
$$

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

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

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

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$_{0}S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

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

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

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

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n \wedge \Bbbk=0 \wedge I=\mathbb{l} \wedge \boldsymbol{s}=s+\mathbb{l} \wedge j_{ik}=j^{sa}-1 \vee$

$I=\mathbb{l}+\Bbbk \wedge s>1 \wedge \mathbb{l}>0 \wedge \Bbbk>0 \wedge \boldsymbol{s}=s+\mathbb{l}+\Bbbk \wedge \Bbbk_z\colon z=1 \wedge j_{ik}=j^{sa}-1 \Rightarrow$

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

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

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

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

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n \land \Bbbk = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{l} + \Bbbk \land s > 1 \land \mathbb{l} > 0 \land \Bbbk > 0 \land \boldsymbol{s} = s + \mathbb{l} + \Bbbk \land \Bbbk_z : z = 1 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}
$$

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

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

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

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

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

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

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

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

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

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

$$
\frac{\left(n_i+j_{sa}-s-\Bbbk-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk)! \cdot \left(\boldsymbol{n}+j_{sa}-s-j_{sa}^{ik}-1\right)!}
$$

$D=\boldsymbol{n}<n \wedge \Bbbk=0 \wedge I=\mathbb{l} \wedge \boldsymbol{s}=s+\mathbb{l} \wedge j_{ik}=j^{sa}-1 \vee$

$I=\mathbb{l}+\Bbbk \wedge s>1 \wedge \mathbb{l}>0 \wedge \Bbbk>0 \wedge \boldsymbol{s}=s+\mathbb{l}+\Bbbk \wedge \Bbbk_z\!: z=1 \wedge j_{ik}=j^{sa}-1 \Rightarrow$

$$
{}_{0}S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}
$$

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

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

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

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
$$

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

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

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

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

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

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

$$
\frac{\left(n_i+j_{sa}^{ik}-j_{sa}-s-\Bbbk+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk)! \cdot \left(\boldsymbol{n}+j_{sa}^{ik}-j_{sa}-s+1\right)!}
$$

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

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

$$
{}_{0}S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}
$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{İSO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

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

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

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

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

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

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

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

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

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

$${}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$_0S^{iso} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S^{\text{İso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{I}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

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

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

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

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{I}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{I} \wedge \boldsymbol{s} = s + \mathbb{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{I} + \Bbbk \wedge s > 1 \wedge \mathbb{I} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{I} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

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

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

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

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

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

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

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

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

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

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

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

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

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

$${}_{0}S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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$${}_0S^{\text{İ}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-j_{ik}-j^{sa}-s-2\cdot\mathbb{k}+3)!}{(3\cdot n_i-n_{ik}-n_{sa}-j_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

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

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

$${}_0S^{\text{İ}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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$${}_0S^{\dot{I}SO} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j_s - j^{sa} - s - 2 \cdot \mathbb{k})!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j^{sa} - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_i+n_{ik}+j_{ik}-n_{sa}-j^{sa}-s-2\cdot\mathbb{k})!}{(n_i+n_{ik}+j_s+j_{ik}-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_{sa}+j_{ik}-j_s-s+1)!}{(n_{sa}+j_{ik}-\boldsymbol{n}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z\!: z = 1 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\text{İSO}} = (D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_{sa}+j_{sa}-s-j_{sa}^{s})!}{(n_{sa}+j_{ik}-\boldsymbol{n}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}+j_{sa}-s-j_{ik}-1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{\mathrm{I}}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(2 \cdot n_i - n_{sa} - j_s - j_{ik} - s - 2 \cdot \mathbb{k} + 1)!}{(2 \cdot n_i - n_{sa} - j_{ik} - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s} + 1)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-2\cdot j^{sa}-s-2\cdot\Bbbk+4)!}{(3\cdot n_i-n_{ik}-n_{sa}-2\cdot j^{sa}-\boldsymbol{n}-2\cdot\Bbbk-j_{sa}^{s}+4)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(3 \cdot n_i-n_{ik}-n_{sa}-j_s-2 \cdot j_{ik}-s-2 \cdot \mathbb{k}+2)!}{(3 \cdot n_i-n_{ik}-n_{sa}-2 \cdot j_{ik}-\boldsymbol{n}-2 \cdot \mathbb{k}-j_{sa}^{s}+2)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_{0}S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(2\cdot n_i+j_s-n_{sa}-j_{ik}-s-2\cdot\mathbb{k}-1)!}{(2\cdot n_i+2\cdot j_s-n_{sa}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_{0}S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - s - 2 \cdot \mathbb{k} + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \boldsymbol{n} - 2 \cdot \mathbb{k})! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_{sa}-2\cdot j_{ik}-s-2\cdot\mathbb{k}-1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_{sa}-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(2 \cdot n_{ik}+j_{ik}-n_{sa}-j_s-s-2 \cdot \mathbb{k}-1)!}{(2 \cdot n_{ik}+j_{ik}-n_{sa}-\boldsymbol{n}-2 \cdot \mathbb{k}-j_{sa}^{s}-1)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_i+n_{ik}-n_{sa}-s-2\cdot\mathbb{k}-1)!}{(n_i+n_{ik}+j_s-n_{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\dot{I}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \left(\frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}-s)!}\right)_{j^{sa}}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$$ {}_0S^{\text{İso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\right.$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\left(\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} - s)!} \right)_{j^{sa}}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{İso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i-s-\Bbbk)!}{(n_i-\boldsymbol{n}-\Bbbk)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}_0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)!\cdot(n_i - n_{ik} - j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\land\mathbb{k}=0\land I=\mathbb{l}\land\boldsymbol{s}=s+\mathbb{l}\lor$

$I=\mathbb{l}+\mathbb{k}\land s>1\land\mathbb{l}>0\land\mathbb{k}>0\land\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\land\mathbb{k}_z{:}\,z=2\land\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\lor$

$I=\mathbb{l}+\mathbb{k}\land s>1\land\mathbb{l}>0\land\mathbb{k}_2>0\land\mathbb{k}_1=0\land\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\land\mathbb{k}_z{:}\,z=1\land\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\text{İ}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{1})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{1})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{1})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_s+j_{sa}-j^{sa}-s-\mathbb{k}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}+j_s+j_{sa}-j^{sa}-s-j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\text{İSO}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_s+j_{sa}-j^{sa}-s-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_s+j_{sa}-j^{sa}-s-j_{sa}^{s})!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$ {}_0S^{\text{İ}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;\;)} \sum_{j^{sa}=j_{sa}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot $$

$$ \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ (D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;\;)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot $$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - \mathbb{k} - 2 \cdot j_{sa}^{s}\right)!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - 2 \cdot j_{sa}^{s}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\dot{\imath}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i+2\cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-\Bbbk_1-\Bbbk_2-2\cdot j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot(\boldsymbol{n}+2\cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-2\cdot j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\land\Bbbk=0\land I=\mathbb{I}\land\boldsymbol{s}=s+\mathbb{I}\lor$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}+j_{sa}^{s}-j_s-j_{sa}-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}+j^{sa}+j_{sa}^{s}-j_s-j_{sa}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\dot{I}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j^{sa} + j_{sa}^{s} - j_s - j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + j^{sa} + j_{sa}^{s} - j_s - j_{sa} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z{:}\, z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z{:}\, z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{İso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-2\cdot j_{sa}-s-\mathbb{k}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-2\cdot j_{sa}-s\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D-s)!\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i + 2\cdot j^{sa} + j_{sa}^{s} + j_{sa}^{ik} - j_s - j_{ik} - 2\cdot j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2\right)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot \left(\boldsymbol{n} + 2\cdot j^{sa} + j_{sa}^{s} + j_{sa}^{ik} - j_s - j_{ik} - 2\cdot j_{sa} - s\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_{0}S^{\text{İso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)! \cdot \left(j_{sa}-j_{sa}^{ik}-1\right)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\Bbbk-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z{:}\,z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z{:}\,z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$$_{0}S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^{s}\right)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot \left(\boldsymbol{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^{s}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$$
{}_0S^{\dot{\mathrm{I}}SO}=(D-s)!\cdot\sum_{j_s=1}\ \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\;\;)}\ \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
(D-s)!\cdot\left(\sum_{j_s=1}\ \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\;\;)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot
$$

$$
\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\sum_{j_s=1}\ \sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot
$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\Bbbk_1-\Bbbk_2\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z{:}\,z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z{:}\,z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}_0S^{\text{İ}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\ \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i+2\cdot j_{ik}+j_{sa}^{s}+j_{sa}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-s-\Bbbk\right)!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot\left(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}+j_{sa}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-s\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{I}\wedge\boldsymbol{s}=s+\mathbb{I}\vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}_0S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i+2\cdot j_{ik}+j_{sa}^{s}+j_{sa}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-s-\Bbbk_1-\Bbbk_2\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot\left(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}+j_{sa}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-s\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}_0S^{\dot{\mathrm{I}}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i + j_{ik} + j_{sa} - j^{sa} - s - \mathbb{k} - j_{sa}^{ik}\right)!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa} - j^{sa} - s - j_{sa}^{ik}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\dot{\mathrm{I}}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{\left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)! \cdot \left(j_{sa} - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}-j^{sa}-s-\Bbbk_1-\Bbbk_2-j_{sa}^{ik}\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}-j^{sa}-s-j_{sa}^{ik}\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}_0S^{\dot{I}so} = (D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - \mathbb{k}\right)!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot \left(\boldsymbol{n} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s\right)!}$$

$$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$$

$$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}_0S^{\text{İso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{\left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)! \cdot \left(j_{sa} - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_{0}S^{\dot{\mathrm{I}}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -
$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}-s)!}\right)_{j^{sa}}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{I}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\left(\frac{(n_i - s - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} - s)!}\right)_{j^{sa}}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_{0}S^{\dot{I}SO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i - s - \Bbbk)!}{(n_i - \boldsymbol{n} - \Bbbk)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \land \Bbbk = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{l} + \Bbbk \land s > 1 \land \mathbb{l} > 0 \land \Bbbk > 0 \land \boldsymbol{s} = s + \mathbb{l} + \Bbbk \land$

$\Bbbk_z\colon z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{l} + \Bbbk \land s > 1 \land \mathbb{l} > 0 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land$

$\boldsymbol{s} = s + \mathbb{l} + \Bbbk \land \Bbbk_z\colon z = 1 \land \Bbbk = \Bbbk_2 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{\mathrm{I}}SO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\text{İ}so}=(D-s)!\cdot\sum_{j_s=1}\ \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\ \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_s+j_{sa}-j_{ik}-s-\mathbb{k}-j_{sa}^{s}-1)!}{(n_i-\boldsymbol{n}-\mathbb{k})! \cdot (\boldsymbol{n}+j_s+j_{sa}-j_{ik}-s-j_{sa}^{s}-1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S^{İso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j_s + j_{sa} - j_{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^{s} - 1)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + j_s + j_{sa} - j_{ik} - s - j_{sa}^{s} - 1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{\imath}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ \ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}+j_{sa}^{ik}-2\cdot j^{sa}-s-\mathbb{k}-2\cdot j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}+j_{sa}^{ik}-2\cdot j^{sa}-s-2\cdot j_{sa}^{s}+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$ {}_{0}S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1} $$

$$ \frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!} + $$

$$ (D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!} \right) - $$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}+j_{sa}^{ik}-2\cdot j^{sa}-s-\mathbb{k}_1-\mathbb{k}_2-2\cdot j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}+j_{sa}^{ik}-2\cdot j^{sa}-s-2\cdot j_{sa}^{s}+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\text{İ}so}=(D-s)!\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s-\mathbb{k}+1)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s+1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D-s)!\cdot\sum_{j_s=1}\ \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\ \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 + 1)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - j_{sa} - s + 1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s-\mathbb{k}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{I}so}=(D-s)!\cdot\sum_{j_s=1}\ \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\ \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\ \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\ \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\ \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\ \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s-\Bbbk_1-\Bbbk_2+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot\left(\boldsymbol{n}+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s+1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{I} \wedge \boldsymbol{s} = s + \mathbb{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$ {}_0S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j^{ik}_{sa})}^{(\ )} \sum_{j^{sa}=j_{sa}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} $$

$$ \frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ (D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j^{ik}_{sa})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j^{ik}_{sa})! \cdot (j^{ik}_{sa}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j^{ik}_{sa}+1)}^{(\boldsymbol{n}+j^{ik}_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j^{sa}-s-\Bbbk-j_{sa}^{s}+1)!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot(\boldsymbol{n}+j_s+j_{sa}^{ik}-j^{sa}-s-j_{sa}^{s}+1)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z: z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z: z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{I}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\;\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\;\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\;\sum_{j_{ik}=j_{sa}^{ik}}\;\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\;\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;\;)}\;\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j^{sa}-s-\Bbbk_1-\Bbbk_2-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j^{sa}-s-j_{sa}^{s}+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\!:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S^{\dot{\imath}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot
$$

$$
\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +
$$

$$
(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{İso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i + j^{sa} + j_{sa}^{s} - j_s - j_{sa}^{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1\right)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot \left(\boldsymbol{n} + j^{sa} + j_{sa}^{s} - j_s - j_{sa}^{ik} - s - 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_{0}S^{\dot{I}SO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}+j_{sa}-j_s-2\cdot j_{sa}^{ik}-s-\mathbb{k}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}+j_{sa}-j_s-2\cdot j_{sa}^{ik}-s-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{\imath}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}+j_{sa}-j_s-2\cdot j_{sa}^{ik}-s-\mathbb{k}_1-\mathbb{k}_2-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}+j_{sa}-j_s-2\cdot j_{sa}^{ik}-s-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{\mathrm{I}}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i + j_{sa} - s - \Bbbk - j_{sa}^{ik} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk)! \cdot \left(\boldsymbol{n} + j_{sa} - s - j_{sa}^{ik} - 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ \ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{sa}-s-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_{sa}-s-j_{sa}^{ik}-1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ \ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ \ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{sa}^{ik}-j_{sa}-s-\mathbb{k}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-j_{sa}-s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$ {}_0S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} $$

$$ \frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ (D-s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{sa}^{ik}-j_{sa}-s-\mathbb{k}_1-\mathbb{k}_2+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-j_{sa}-s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{İso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j_s - s - \mathbb{k} - j_{sa}^{s})!}{(n_i + j_s - \boldsymbol{n} - \mathbb{k} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot
$$

$$
\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot
$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i+j_s-s-\Bbbk_1-\Bbbk_2-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\text{İ}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-s-\mathbb{k}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$_0S^{\dot{\imath}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-s-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{\left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)! \cdot \left(j_{sa} - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{ik} + j_{ik} - j_s - s - \mathbb{k}_2)!}{(n_{ik} + j_{ik} - \boldsymbol{n} - \mathbb{k}_2 - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}_0S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{ik} + j_{ik} + \mathbb{k}_1 - j_s - s - \mathbb{k})!}{(n_{ik} + j_{ik} + \mathbb{k}_1 - \boldsymbol{n} - \mathbb{k} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\dot{I}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}_2-j_{sa}^{s}\right)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}_2-j_{sa}^{s})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$
\begin{aligned}
{}_0S^{\text{İ}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot \\
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + \\
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right. \\
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + \\
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s} \\
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}
$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}+\mathbb{k}_1-s-\mathbb{k}-j_{sa}^{s}\right)!}{\left(n_{ik}+j_{ik}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}\right)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\text{İ}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\quad)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_{ik}-s-2\cdot\mathbb{k}_1-\mathbb{k}_2+2)!}{(2\cdot n_i-n_{ik}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_i+\Bbbk_2-n_{ik}-j_s-j_{ik}-s-2\cdot\Bbbk+2)!}{(2\cdot n_i+\Bbbk_2-n_{ik}-j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z\colon z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z\colon z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_{0}S^{\dot{I}SO} = (D-s)!\cdot\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{ik} + j^{sa} - j_s - s - \mathbb{k}_2 - 1)!}{(n_{ik} + j^{sa} - \boldsymbol{n} - \mathbb{k}_2 - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_{0}S^{\dot{I}SO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{ik}+j^{sa}+\mathbb{k}_1-j_s-s-\mathbb{k}-1)!}{(n_{ik}+j^{sa}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\text{İ}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\;)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_{ik}+j_{sa}^{ik}-s-\Bbbk_2-j_{sa}^{s})!}{(n_{ik}+j^{sa}-\boldsymbol{n}-\Bbbk_2-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{ik}-s-j^{sa}+1)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\text{İ}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{ik}+j_{sa}^{ik}+\mathbb{k}_1-s-\mathbb{k}-j_{sa}^{s})!}{(n_{ik}+j^{sa}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{ik}-s-j^{sa}+1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j^{sa}-s-2\cdot\mathbb{k}_1-\mathbb{k}_2+3)!}{(2\cdot n_i-n_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{I}\wedge\boldsymbol{s}=s+\mathbb{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{I}+\mathbb{k}\wedge s>1\wedge\mathbb{I}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{I}+\mathbb{k}\wedge$

$\mathbb{k}_z\!: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{I}+\mathbb{k}\wedge s>1\wedge\mathbb{I}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_{0}S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j^{sa}-s-2\cdot\mathbb{k}+3)!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{\left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)! \cdot \left(j_{sa} - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{sa} + j^{sa} - j_s - s)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}_{0}S^{\dot{I}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot
$$

$$
\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +
$$

$$
(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot
$$

$$
\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot
$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{sa} + j_{sa} - s - j_{sa}^{s})!}{(n_{sa} + j^{sa} - \boldsymbol{n} - j_{sa}^{s})! \cdot (\boldsymbol{n} + j_{sa} - s - j^{sa})!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\dot{I}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_{sa}-j_s-j^{sa}-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2+2)!}{(2\cdot n_i-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{I}\wedge\boldsymbol{s}=s+\mathbb{I}\vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\dot{\imath}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_{sa}-j_s-j^{sa}-s-2\cdot\mathbb{k}+2)!}{(2\cdot n_i-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\dot{I}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-j_{ik}-j^{sa}-s-3\cdot \Bbbk_1-2\cdot \Bbbk_2+3)!}{(3\cdot n_i-n_{ik}-n_{sa}-j_{ik}-j^{sa}-\boldsymbol{n}-3\cdot \Bbbk_1-2\cdot \Bbbk_2-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge \Bbbk=0\wedge I=\mathbb{l}\wedge \boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge \mathbb{l}>0\wedge \Bbbk>0\wedge \boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge \Bbbk_z: z=2\wedge \Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge \mathbb{l}>0\wedge \Bbbk_2>0\wedge \Bbbk_1=0\wedge \boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge \Bbbk_z: z=1\wedge \Bbbk=\Bbbk_2\Rightarrow$

$$_0S^{İso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-j_{ik}-j^{sa}-s-2\cdot\mathbb{k}-\mathbb{k}_1+3)!}{(3\cdot n_i-n_{ik}-n_{sa}-j_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\text{İso}} = (D-s)!\cdot\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_i + j_s - n_{sa} - j^{sa} - s - 2\cdot\Bbbk_1 - 2\cdot\Bbbk_2)!}{(2\cdot n_i + 2\cdot j_s - n_{sa} - j^{sa} - \boldsymbol{n} - 2\cdot\Bbbk_1 - 2\cdot\Bbbk_2 - j_{sa}^{s})! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}_0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+j_s-n_{sa}-j^{sa}-s-2\cdot\mathbb{k})!}{(2\cdot n_i+2\cdot j_s-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\dot{\mathrm{I}}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_{sa}-j_{ik}-j^{sa}-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_{sa}-j_{ik}-j^{sa}-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\mathrm{i}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_{sa}-j_{ik}-j^{sa}-s-2\cdot\Bbbk-\Bbbk_1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_{sa}-j_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\Bbbk-\Bbbk_1-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$$
{}_0S^{\text{İSO}} = (D-s)!\cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
(D-s)!\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot
$$

$$
\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot
$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j_s - j^{sa} - s - 2 \cdot \mathbb{k}_2)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j^{sa} - \boldsymbol{n} - 2 \cdot \mathbb{k}_2 - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}+2\cdot\mathbb{k}_1-n_{sa}-j_s-j^{sa}-s-2\cdot\mathbb{k})!}{(2\cdot n_{ik}+2\cdot j_{ik}+2\cdot\mathbb{k}_1-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$
{}_0S^{\dot{\mathrm{I}}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}+j_{ik}-n_{sa}-j^{sa}-s-2\cdot\mathbb{k}_2-\mathbb{k}_1)!}{(n_i+n_{ik}+j_s+j_{ik}-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_2-\mathbb{k}_1-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\dot{\mathrm{I}}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}+j_{ik}+\mathbb{k}_1-n_{sa}-j^{sa}-s-2\cdot\mathbb{k})!}{(n_i+n_{ik}+j_s+j_{ik}+\mathbb{k}_1-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{\mathrm{I}}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_{sa}+j_{ik}-j_s-s+1)!}{(n_{sa}+j_{ik}-\boldsymbol{n}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \land \Bbbk = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{l} + \Bbbk \land s > 1 \land \mathbb{l} > 0 \land \Bbbk > 0 \land \boldsymbol{s} = s + \mathbb{l} + \Bbbk \land$

$\Bbbk_z : z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{l} + \Bbbk \land s > 1 \land \mathbb{l} > 0 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land$

$\boldsymbol{s} = s + \mathbb{l} + \Bbbk \land \Bbbk_z : z = 1 \land \Bbbk = \Bbbk_2 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{I}so} = (D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_{sa}+j_{sa}-s-j_{sa}^{s})!}{(n_{sa}+j_{ik}-\boldsymbol{n}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}+j_{sa}-s-j_{ik}-1)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{I}\wedge\boldsymbol{s}=s+\mathbb{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{I}+\Bbbk\wedge s>1\wedge\mathbb{I}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{I}+\Bbbk\wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_{sa}-j_s-j_{ik}-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2+1)!}{(2\cdot n_i-n_{sa}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{I}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_{sa}-j_s-j_{ik}-s-2\cdot\mathbb{k}+1)!}{(2\cdot n_i-n_{sa}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land$

$\mathbb{k}_z: z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z: z = 1 \land \mathbb{k} = \mathbb{k}_2 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_{0}S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -
$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j^{sa} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 + 4)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \boldsymbol{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^{s} + 4)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_{0}S^{\dot{\mathrm{I}}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-2\cdot j_{ik}-s-3\cdot\Bbbk_1-2\cdot\Bbbk_2+2)!}{(3\cdot n_i-n_{ik}-n_{sa}-2\cdot j_{ik}-\boldsymbol{n}-3\cdot\Bbbk_1-2\cdot\Bbbk_2-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{I}\wedge\boldsymbol{s}=s+\mathbb{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{I}+\Bbbk\wedge s>1\wedge\mathbb{I}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{I}+\Bbbk\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{I}+\Bbbk\wedge s>1\wedge\mathbb{I}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{I}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\text{İSO}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k})}^{(n - \mathbb{l})} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k})}^{(n - \mathbb{l})} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k})}^{(n - \mathbb{l})} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-2\cdot j^{sa}-s-2\cdot\mathbb{k}-\mathbb{k}_1+4)!}{(3\cdot n_i-n_{ik}-n_{sa}-2\cdot j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-j_{sa}^{s}+4)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\text{İ}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-2\cdot j_{ik}-s-2\cdot\mathbb{k}-\mathbb{k}_1+2)!}{(3\cdot n_i-n_{ik}-n_{sa}-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_i+j_s-n_{sa}-j_{ik}-s-2\cdot\Bbbk_1-2\cdot\Bbbk_2-1)!}{(2\cdot n_i+2\cdot j_s-n_{sa}-j_{ik}-\boldsymbol{n}-2\cdot\Bbbk_1-2\cdot\Bbbk_2-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S^{\dot{\mathrm{I}}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\right.
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_i+j_s-n_{sa}-j_{ik}-s-2\cdot\Bbbk-1)!}{(2\cdot n_i+2\cdot j_s-n_{sa}-j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z{:}\,z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z{:}\,z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_{0}S^{\text{İ}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_{sa}-2\cdot j^{sa}-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2+1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_{sa}-2\cdot j^{sa}-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land$

$\mathbb{k}_z\colon z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \land j_{ik} = j^{sa} - 1 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z\colon z = 1 \land \mathbb{k} = \mathbb{k}_2 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S^{\text{İ}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -
$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_{sa}-2\cdot j_{ik}-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_{sa}-2\cdot j_{ik}-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_{0}S^{\text{İ}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_{sa}-2\cdot j^{sa}-s-2\cdot\mathbb{k}-\mathbb{k}_1+1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_{sa}-2\cdot j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\text{İ}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\mathbf{n}-j_{sa})!}{(\mathbf{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)!\cdot(\mathbf{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\mathbf{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)!\cdot(\mathbf{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\mathbf{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\mathbf{n}+j_{sa}-s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)!\cdot(\mathbf{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_{sa}-2\cdot j_{ik}-s-2\cdot\mathbb{k}-\mathbb{k}_1-1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_{sa}-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S^{\dot{I}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!}\right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2 \cdot n_{ik}+j_{ik}-n_{sa}-j_s-s-2 \cdot \Bbbk_2-1)!}{(2 \cdot n_{ik}+j_{ik}-n_{sa}-\boldsymbol{n}-2 \cdot \Bbbk_2-j_{sa}^{s}-1)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{\text{İ}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_{ik}+j_{ik}+2\cdot\Bbbk_1-n_{sa}-j_s-s-2\cdot\Bbbk-1)!}{(2\cdot n_{ik}+j_{ik}+2\cdot\Bbbk_1-n_{sa}-\boldsymbol{n}-2\cdot\Bbbk-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{I}\wedge\boldsymbol{s}=s+\mathbb{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{I}+\Bbbk\wedge s>1\wedge\mathbb{I}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{I}+\Bbbk\wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S^{İso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k})}^{(n - \mathbb{l})} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2}$$

$$\frac{(n_i + n_{ik} - n_{sa} - s - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - 1)!}{(n_i + n_{ik} + j_s - n_{sa} - \boldsymbol{n} - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_{0}S^{\dot{I}SO} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k})}^{(n - \mathbb{l})} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} - j^{sa} + 1}^{n_{ik} - \mathbb{k}_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k})}^{(n - \mathbb{l})} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}+\mathbb{k}_1-n_{sa}-s-2\cdot\mathbb{k}-1)!}{(n_i+n_{ik}+j_s+\mathbb{k}_1-n_{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S^{iso} = (D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\left(\frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}_0S^{\text{İSO}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)! \cdot \left(s-j_{sa}^{ik}-1\right)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_s-j_i-\mathbb{k}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}+j_s-j_i-j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}_{0}S^{\text{İSO}}=(D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)! \cdot \left(s-j_{sa}^{ik}-1\right)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\mathbb{k}-2\cdot j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})! \cdot \left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^{s}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$
{}_0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(n_i+j_i+j_{sa}^{s}-j_s-2\cdot s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})! \cdot (\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-2\cdot s)!}
$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z : z = 1 \Rightarrow$

$$
{}_0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}
$$

$$
\frac{(n_i+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s-\Bbbk)!}{(n_i-\boldsymbol{n}-\Bbbk)! \cdot (\boldsymbol{n}+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s)!}
$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$_0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \mathbb{k} - j_{sa}^{s})!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot (\boldsymbol{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^{s})!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \Rightarrow$

$${}_0S^{\dot{\imath}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^{s} - j_s - j_{sa}^{ik} - s - \mathbb{k}\right)!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^{s} - j_s - j_{sa}^{ik} - s\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}_{0}S^{\dot{\imath}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{\left(n_i + 2 \cdot j_{ik} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa}^{ik} - \mathbb{k}\right)!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot \left(\boldsymbol{n} + 2 \cdot j_{ik} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa}^{ik}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S^{\text{İso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i+j_{ik}-j_i-\Bbbk-j_{sa}^{ik}\right)!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot\left(\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik}\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\Rightarrow$

$${}_0S^{\dot{\imath}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\mathbb{k}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s\right)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z : z = 1 \land j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{iso} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\left(\frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\text{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_s-j_{ik}-\mathbb{k}-j_{sa}^{s}-1)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}+j_s-j_{ik}-j_{sa}^{s}-1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \mathbb{k} - 2 \cdot j_{sa}^{s} + 1\right)!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^{s} + 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_{0}S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + j_{ik} + j_{sa}^{s} - j_s - 2 \cdot s - \mathbb{k} + 1)!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^{s} - j_s - 2 \cdot s + 1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3 \cdot s-\mathbb{k}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})! \cdot \left(\boldsymbol{n}+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3 \cdot s+1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\Bbbk-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\Bbbk)! \cdot \left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z\!: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(\boldsymbol{n}-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-\mathbb{k}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_{0}S^{\text{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i - \mathbb{k} - j_{sa}^{ik} - 1\right)!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot \left(\boldsymbol{n} - j_{sa}^{ik} - 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+j_{sa}^{ik}-2 \cdot s-\mathbb{k}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})! \cdot \left(\boldsymbol{n}+j_{sa}^{ik}-2 \cdot s+1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_s-s-\mathbb{k}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$$

$$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_s-s-\mathbb{k}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S^{\text{i}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\mathbb{k})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}_0S^{\text{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_{ik}+j_{sa}^{ik}-s-\Bbbk-j_{sa}^{s})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik})!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\Rightarrow$

$${}_{0}S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_{ik}-s-\mathbb{k}+2)!}{(2\cdot n_i-n_{ik}-j_{ik}-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2\cdot n_i+j_s-n_{ik}-j_{ik}-s-\Bbbk)!}{(2\cdot n_i+2\cdot j_s-n_{ik}-j_{ik}-\boldsymbol{n}-\Bbbk-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z{:}\,z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik}+j_i-j_s-s-\mathbb{k}-1)!}{(n_{ik}+j_i-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_{0}S^{\dot{\imath}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}-j_{sa}^{s}\right)!}{(n_{ik}+j_i-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}-1)! \cdot \left(\boldsymbol{n}+j_{sa}^{ik}-s-j_i+1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_i-s-\mathbb{k}+3)!}{(2\cdot n_i-n_{ik}-j_i-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\dot{\mathrm{I}}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_i + j_s - n_{ik} - j_i - s - \mathbb{k} + 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_i - \boldsymbol{n} - \mathbb{k} - j_{sa}^{s} + 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

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$${}_0S^{\dot{I}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s+j_i-j_s-s)!}{(n_s+j_i-\boldsymbol{n}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

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$${}_0S^{\text{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s-j_{sa}^{s})!}{(n_s+j_i-\boldsymbol{n}-j_{sa}^{s})!\cdot(\boldsymbol{n}-j_i)!}$$

$D=\boldsymbol{n}<n\land\mathbb{k}=0\land I=\mathbb{l}\land\boldsymbol{s}=s+\mathbb{l}\lor$

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$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

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$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

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$$\frac{(2\cdot n_i-n_s-j_s-j_i-s-2\cdot\mathbb{k}+2)!}{(2\cdot n_i-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

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$${}_{0}S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} + 3)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s} + 3)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

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$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot \mathbb{k})!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

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$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k})!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S^{\dot{\mathrm{I}}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot \mathbb{k})!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S^{\text{İ}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot \mathbb{k})!}{(n_i + n_{ik} + j_s + j_{ik} - n_s - j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s+j_{ik}-j_s-s+1)!}{(n_s+j_{ik}-\boldsymbol{n}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\text{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s-j_{sa}^{s})!}{(n_s+j_{ik}-\boldsymbol{n}-j_{sa}^{s}+1)! \cdot (\boldsymbol{n}-j_{ik}-1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_{0}S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_{ik}-s-2\cdot\mathbb{k}+1)!}{(2\cdot n_i-n_s-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot \mathbb{k} + 4)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^s + 4)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z\colon z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S^{\text{İ}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk-1} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk} \frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \Bbbk - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n}-s)!}
$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z\colon z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$_{0}S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot \Bbbk + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 2 \cdot \Bbbk)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \land \Bbbk = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{l} + \Bbbk \land s > 1 \land \mathbb{l} > 0 \land \Bbbk > 0 \land \boldsymbol{s} = s + \mathbb{l} + \Bbbk \land \Bbbk_z \colon z = 1 \land j_{ik} = j_i - 1 \Rightarrow$

$$_{0}S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-s-2\cdot\mathbb{k}-1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\dot{I}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(\boldsymbol{n}-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2\cdot n_{ik}+j_{ik}-n_s-j_s-s-2\cdot\Bbbk-1)!}{(2\cdot n_{ik}+j_{ik}-n_s-\boldsymbol{n}-2\cdot\Bbbk-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\land\Bbbk=0\land I=\mathbb{l}\land\boldsymbol{s}=s+\mathbb{l}\land j_{ik}=j_i-1\lor$

$I=\mathbb{l}+\Bbbk\land s>1\land\mathbb{l}>0\land\Bbbk>0\land\boldsymbol{s}=s+\mathbb{l}+\Bbbk\land\Bbbk_z\colon z=1\land j_{ik}=j_i-1\Rightarrow$

$${}_{0}S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + n_{ik} - n_s - s - 2 \cdot \mathbb{k} - 1)!}{(n_i + n_{ik} + j_s - n_s - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\dot{I}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z \colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z \colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\dot{\imath}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$ {}_0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s-j_i-\Bbbk-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot(\boldsymbol{n}+j_s-j_i-j_{sa}^{s})!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}_0S^{iso} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-j_i-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_s-j_i-j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\text{i}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\mathbb{k}-2\cdot j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^{s}\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\Bbbk_1-\Bbbk_2-2\cdot j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^{s}\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}_{0}S^{\text{iso}} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\ \sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}-j_s-2\cdot s-\mathbb{k}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-2\cdot s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$$
{}_0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
(D-s)!\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-
$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}^{s}-j_s-2\cdot s-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-2\cdot s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s-\Bbbk_1-\Bbbk_2\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot\left(\boldsymbol{n}+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$$

$$
{}_0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\Bbbk-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\text{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\Bbbk)!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}_0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^{s} - j_s - j_{sa}^{ik} - s - \Bbbk_1 - \Bbbk_2\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^{s} - j_s - j_{sa}^{ik} - s\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i + 2 \cdot j_{ik} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa}^{ik} - \mathbb{k}\right)!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot \left(\boldsymbol{n} + 2 \cdot j_{ik} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa}^{ik}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_{0}S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i + 2 \cdot j_{ik} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa}^{ik} - \mathbb{k}_1 - \mathbb{k}_2\right)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot \left(\boldsymbol{n} + 2 \cdot j_{ik} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa}^{ik}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}-j_i-\mathbb{k}-j_{sa}^{ik}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik}\right)!}$$

$D=\boldsymbol{n}<n\land\mathbb{k}=0\land I=\mathbb{l}\land\boldsymbol{s}=s+\mathbb{l}\lor$

$I=\mathbb{l}+\mathbb{k}\land s>1\land\mathbb{l}>0\land\mathbb{k}>0\land\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\land\mathbb{k}_z\colon z=2\land\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\lor$

$I=\mathbb{l}+\mathbb{k}\land s>1\land\mathbb{l}>0\land\mathbb{k}_2>0\land\mathbb{k}_1=0\land\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\land\mathbb{k}_z\colon z=1\land\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}-j_i-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{ik}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik}\right)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z\!: z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z\!: z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\text{iso}} = (D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{\left(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\mathbb{k}\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\mathrm{iso}} = (D-s)!\cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{İso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S^{\text{İ}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \right) -
$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)! \cdot (\boldsymbol{n}-s)!}\right)_{j_i}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-s-\Bbbk)!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-s-\Bbbk_1-\Bbbk_2)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$_0S^{İSO} = (D-s)! \cdot \sum_{j_s=1}\ \sum_{(j_{ik}=s-1)}^{(\ )}\ \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\ \sum_{(j_{ik}=s-1)}^{(\ )}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\ \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s-j_{ik}-\Bbbk-j_{sa}^{s}-1)!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot(\boldsymbol{n}+j_s-j_{ik}-j_{sa}^{s}-1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\text{iso}} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s-j_{ik}-\Bbbk_1-\Bbbk_2-j_{sa}^s-1)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot(\boldsymbol{n}+j_s-j_{ik}-j_{sa}^s-1)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \mathbb{k} - 2 \cdot j_{sa}^{s} + 1\right)!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^{s} + 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S^{İSO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \Bbbk_1 - \Bbbk_2 - 2 \cdot j_{sa}^{s} + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^{s} + 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_{0}S^{\dot{I}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^{s} - j_s - 2 \cdot s - \mathbb{k} + 1)!}{(n_i - \boldsymbol{n} - \mathbb{k})! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^{s} - j_s - 2 \cdot s + 1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

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$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 + 1)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$_0S^{İSO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(\boldsymbol{n}-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ \ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3\cdot s-\mathbb{k}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3\cdot s+1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ \ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ \ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3\cdot s-\mathbb{k}_1-\mathbb{k}_2+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3\cdot s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$$ {}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=s} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} $$

$$ \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ (D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) - $$

$$ (D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} $$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_i-s-\Bbbk-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^{s}+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\mathrm{I}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\quad)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_i-s-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^{s}+1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_{0}S^{iso} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-
$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{k}_1-\mathbb{k}_2-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_{0}S^{\dot{\imath}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-\mathbb{k}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\text{İSO}} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-\Bbbk_1-\Bbbk_2-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i-\mathbb{k}-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}-j_{sa}^{ik}-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{İSO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}-j_{sa}^{ik}-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\dot{\imath}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(\boldsymbol{n}-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(\boldsymbol{n}-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(\boldsymbol{n}-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{sa}^{ik}-2\cdot s-\mathbb{k}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-2\cdot s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$$
{}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.
$$

$$
\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot
$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_{sa}^{ik}-2\cdot s-\Bbbk_1-\Bbbk_2+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-2\cdot s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}_0S^{İso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s - s - \mathbb{k} - j_{sa}^{s})!}{(n_i + j_s - \boldsymbol{n} - \mathbb{k} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\mathrm{i}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s - s - \Bbbk_1 - \Bbbk_2 - j_{sa}^s)!}{(n_i + j_s - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\dot{I}SO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(\boldsymbol{n}-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-s-\mathbb{k}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_{0}S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\quad)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-s-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z\!: z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z\!: z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\mathrm{i}so} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_{ik}+j_{ik}-j_s-s-\mathbb{k}_2)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\text{İ}so} = (D-s)!\cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik}+j_{ik}+\Bbbk_1-j_s-s-\Bbbk)!}{(n_{ik}+j_{ik}+\Bbbk_1-\boldsymbol{n}-\Bbbk-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z{:}\,z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z{:}\,z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}_0S^{\dot{\imath}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\ \sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\ \sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ \ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}_2-j_{sa}^{s}\right)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}_2-j_{sa}^{s})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$$
{}_{0}S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}+\mathbb{k}_1-s-\mathbb{k}-j_{sa}^{s}\right)!}{(n_{ik}+j_{ik}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_{ik}-s-2\cdot\mathbb{k}_1-\mathbb{k}_2+2)!}{(2\cdot n_i-n_{ik}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\text{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i+\Bbbk_2-n_{ik}-j_s-j_{ik}-s-2 \cdot \Bbbk+2)!}{(2 \cdot n_i+\Bbbk_2-n_{ik}-j_{ik}-\boldsymbol{n}-2 \cdot \Bbbk-j_{sa}^{s}+2)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S^{İSO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{ik} + j_i - j_s - s - \mathbb{k}_2 - 1)!}{(n_{ik} + j_i - \boldsymbol{n} - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{ik}+j_i+\mathbb{k}_1-j_s-s-\mathbb{k}-1)!}{(n_{ik}+j_i+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z: z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}_2-j_{sa}^{s}\right)!}{(n_{ik}+j_i-\boldsymbol{n}-\mathbb{k}_2-j_{sa}^{s}-1)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_i+1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk_2-1}
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot
$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - j_{sa}^{s}\right)!}{(n_{ik} + j_i + \mathbb{k}_1 - \boldsymbol{n} - \mathbb{k} - j_{sa}^{s} - 1)! \cdot \left(\boldsymbol{n} + j_{sa}^{ik} - s - j_i + 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_{0}S^{\dot{I}so} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_i-s-2\cdot\mathbb{k}_1-\mathbb{k}_2+3)!}{(2\cdot n_i-n_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z: z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_i-s-2\cdot\mathbb{k}+3)!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\text{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_s+j_i-j_s-s)!}{(n_s+j_i-\boldsymbol{n}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_s-j_{sa}^{s})!}{(n_s+j_i-\boldsymbol{n}-j_{sa}^{s})!\cdot(\boldsymbol{n}-j_i)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{\text{İ}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_i-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2+2)!}{(2\cdot n_i-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_i-s-2\cdot\mathbb{k}+2)!}{(2\cdot n_i-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}+2)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z : z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z : z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\mathrm{iso}} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-j_{ik}-j_i-s-3\cdot\mathbb{k}_1-2\cdot\ {}_2+3)!}{(3\cdot n_i-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$$
{}_{0}S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-j_{ik}-j_i-s-2\cdot\mathbb{k}-\mathbb{k}_1+3)!}{(3\cdot n_i-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_i-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2)!}{(2\cdot n_i+2\cdot j_s-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\text{iso}} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_i-s-2\cdot\mathbb{k})!}{(2\cdot n_i+2\cdot j_s-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - \mathbb{k}_1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_{0}S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_s-j_i-s-2\cdot\mathbb{k}_2)!}{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}_0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k})}^{(n - \mathbb{l})} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - j_s - j_i - s - 2 \cdot \mathbb{k})!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k})}^{(n - \mathbb{l})} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k})}^{(n - \mathbb{l})} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \boldsymbol{n} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left.\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1)!}{(n_i + n_{ik} + j_s + j_{ik} - n_s - j_i - \boldsymbol{n} - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + n_{ik} + j_{ik} + \mathbb{k}_1 - n_s - j_i - s - 2 \cdot \mathbb{k})!}{(n_i + n_{ik} + j_s + j_{ik} + \mathbb{k}_1 - n_s - j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{İSO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(\boldsymbol{n}-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_s+j_{ik}-j_s-s+1)!}{(n_s+j_{ik}-\boldsymbol{n}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_{0}S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_s-j_{sa}^{s})!}{(n_s+j_{ik}-\boldsymbol{n}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-j_{ik}-1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}
$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i - n_s - j_s - j_{ik} - s - 2\cdot\mathbb{k}_1 - 2\cdot\mathbb{k}_2 + 1)!}{(2\cdot n_i - n_s - j_{ik} - \boldsymbol{n} - 2\cdot\mathbb{k}_1 - 2\cdot\mathbb{k}_2 - j_{sa}^{s} + 1)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)!\cdot(n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s-1)!}{(n_s + j_i - \boldsymbol{n} - 1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_{ik}-s-2\cdot\mathbb{k}+1)!}{(2\cdot n_i-n_s-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\quad)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_i-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2+4)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s}+4)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

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$$
{}_0S^{\dot{\mathrm{I}}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^{s} + 2)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

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$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z \colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\text{İ}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_i-s-2\cdot\mathbb{k}-\mathbb{k}_1+4)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-j_{sa}^{s}+4)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^{s} + 2)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \land j_{ik} = j_i - 1 \lor$

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$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

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$${}_0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

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$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

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$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_{ik}-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-1)!}{(2\cdot n_i+2\cdot j_s-n_s-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ \ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_{ik}-s-2\cdot\mathbb{k}-1)!}{(2\cdot n_i+2\cdot j_s-n_s-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ \ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S^{\dot{I}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

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$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-2\cdot j_i-s-2\cdot\mathbb{k}-\mathbb{k}_1+1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

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$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\dot{I}SO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-s-2\cdot \mathbb{k}-\mathbb{k}_1-1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-2\cdot \mathbb{k}-\mathbb{k}_1-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

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$$_0S^{İSO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(\boldsymbol{n}-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_{ik}+j_{ik}-n_s-j_s-s-2\cdot\mathbb{k}_2-1)!}{(2\cdot n_{ik}+j_{ik}-n_s-\boldsymbol{n}-2\cdot\mathbb{k}_2-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_{0}S^{\dot{I}SO} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2\cdot n_{ik}+j_{ik}+2\cdot\mathbb{k}_1-n_s-j_s-s-2\cdot\mathbb{k}-1)!}{(2\cdot n_{ik}+j_{ik}+2\cdot\mathbb{k}_1-n_s-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$$
{}_0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \right) -
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}
$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+n_{ik}-n_s-s-2\cdot\Bbbk_2-\Bbbk_1-1)!}{(n_i+n_{ik}+j_s-n_s-\boldsymbol{n}-2\cdot\Bbbk_2-\Bbbk_1-j_{sa}^s-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S^{\dot{\imath}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+n_{ik}+\mathbb{k}_1-n_s-s-2\cdot\mathbb{k}-1)!}{(n_i+n_{ik}+j_s+\mathbb{k}_1-n_s-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \boldsymbol{s} = s + I \wedge \mathbb{k}_z : z > 1 \Rightarrow$

$$ {}_0S^{\dot{I}SO} = \prod_{z=3}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1 \vee \boldsymbol{n})} $$

$$ \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}\mathbb{k}_i-(j_i)_1 \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=2}^{s-1}\mathbb{k}_i-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}\mathbb{k}_i+1\right)} $$

$$ \sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\mathbb{k}_i-(j_{ik})_{z-1} \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z-1}^{s-1}\mathbb{k}_i-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\mathbb{k}_i} $$

$$ \sum_{\left((n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}\mathbb{k}_i-(j_i)_{z-1} \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z}^{s-1}\mathbb{k}_i-(j_i)_{z-1}+1\right)}^{\left((n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\mathbb{k}_i-1\right)} $$

$$ \frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!} \cdot $$

$$ \frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!} \cdot $$

$$ \frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n_i-(n_{ik})_1-(j_i)_1+1)!} \cdot $$

$$ \frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)! \cdot ((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!} \cdot $$

$$ \frac{((n_s)_{z=s}-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-(j_i)_{z=s})!} $$

BAĞIMSIZ DURUMLA BAŞLAYAN DAĞILIMLARDA BAĞIMSIZ-BAĞIMLI DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİ

Simetri bağımsız durumla başlayıp, bağımlı durumla bittiğinde $\{0,0,0,1,2,3,4,5\}$ veya $\{0,0,0,1,2,\mathbf{0},\mathbf{0},\mathbf{0},3,4,\mathbf{0},\mathbf{0},5\}$, bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı ilk bağımlı durum bulunan dağılımlardaki ilk düzgün olmayan simetrik olasılıklar da, bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün olmayan simetrik olasılık eşitliğiyle hesaplanabilir.

$${}_0S_0^{\text{i}so} = {}_0S^{\text{i}so}$$

Simetri bağımsız durumla başladığında, ilk simetrik olasılıkların tamamı bağımsız olasılıkla başlayan dağılımlarda bulunabilir. Bu durumda yukarıdaki eşitliğe aynı zamanda bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün olmayan simetrik olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlarda, simetri bağımsız durumla başlayıp bağımlı durumla bittiğinde; bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı ilk bağımlı durumu bulunan dağılımlarda, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün olmayan simetrik olasılık*** denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün olmayan simetrik olasılık ${}_0S_0^{\text{i}so}$ ile gösterilecektir.

$s = 2 \wedge j_i > 2 \Rightarrow$

$$\frac{(n_i - n_s - \mathbb{k} - 1)!}{(j-2)! \cdot (n_i - n_s - j - \mathbb{k} + 1)!} \longrightarrow$$

$$\sum_{j_{ik}=1}^{\boldsymbol{n}-s+1} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{n_s+\boldsymbol{n}+\mathbb{k}-j_{ik}} \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}$$

$s = 2 \wedge j_i = 2 \Rightarrow$

$$\frac{(n_i - n_s - \mathbb{k} - 1)!}{(j-2)! \cdot (n_i - n_s - j - \mathbb{k} + 1)!} \longrightarrow$$

$$\sum_{j_{ik}=1}^{\boldsymbol{n}-s+1} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{n_s+\boldsymbol{n}+\mathbb{k}-j_{ik}} \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}$$

$s = 2 \wedge j_i > 2 \Rightarrow$

$$\frac{(n_i-n_s-I-1)!}{(j-2)!\cdot(n_i-n_s-j-I+1)!}\rightarrow$$

$$\sum_{j_{ik}=1}^{\boldsymbol{n}-s+1}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{n_s+\boldsymbol{n}+\mathbb{k}-j_{ik}}\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}$$

$s=2\wedge j_i=2\Rightarrow$

$$\frac{(n_i-n_s-I-1)!}{(j-2)!\cdot(n_i-n_s-j-I+1)!}\rightarrow$$

$$\sum_{j_{ik}=1}^{\boldsymbol{n}-s+1}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{n_s+\boldsymbol{n}+\mathbb{k}-j_{ik}}\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}\wedge\mathbb{k}=0\wedge\boldsymbol{s}=s+\mathbb{I}\Rightarrow$

$${}_0S_0^{İSO}=\frac{n!}{(2\cdot n-\iota-D)!}\cdot\frac{(2\cdot n-D-\iota-I)!}{(n-\iota)!\cdot(n-D-I)!}\cdot\left(\frac{D!}{D}\cdot\frac{1}{(\boldsymbol{s}-I-1)!}\right)-$$

$$\frac{(n-\boldsymbol{s}+1)!}{(\iota-I)!\cdot(D+I-\boldsymbol{s}+1)}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}\wedge\mathbb{k}=0\wedge\boldsymbol{s}=s+\mathbb{I}\Rightarrow$

$${}_0S_0^{İSO}=\frac{(n-I)!}{(n-\iota)!\cdot(\iota-I)!}\cdot\left(\frac{D!}{D}\cdot\frac{1}{(\boldsymbol{s}-I-1)!}\right)-\frac{(n-\boldsymbol{s}+1)!}{(\iota-I)!\cdot(D+I-\boldsymbol{s}+1)}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}\wedge\mathbb{k}=0\wedge\boldsymbol{s}=s+\mathbb{I}\Rightarrow$

$${}_0S_0^{İSO}=\frac{(n-I)!}{(\iota-I)!\cdot(n-\iota)}\cdot\frac{1}{(\boldsymbol{s}-I-1)!}-\frac{(n-\boldsymbol{s}+1)!}{(\iota-I)!\cdot(n+I-\iota-\boldsymbol{s}+1)}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}\wedge\mathbb{k}=0\wedge\boldsymbol{s}=s+\mathbb{I}\Rightarrow$

$${}_0S_0^{İSO}=\frac{(n-I)!}{(\iota-I)!\cdot(n-\iota)}\cdot\frac{1}{(s-1)!}-\frac{(n-s-I+1)!}{(\iota-I)!\cdot(n-s-\iota+1)}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}\wedge\mathbb{k}=0\wedge\boldsymbol{s}=s+\mathbb{I}\Rightarrow$

$${}_0S_0^{İSO}=(D-s)!\cdot\left(\sum_{j=s}\sum_{(n_i=D)}^{n-\mathbb{I}}\sum_{n_s=D-j+1}^{n_i-j}\right.$$

$$\frac{(n_i - n_s - 1)!}{(j-2)! \cdot (n_i - n_s - j + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j - D - 1)! \cdot (D - j)!} +$$

$$\sum_{j=s+1}^{D} \sum_{(n_i=D)}^{n-\mathbb{l}} \sum_{n_s=D-j+1}^{n_i-j+1}$$

$$\left.\frac{(j-2)!}{(j-s)! \cdot (s-2)!} \cdot \frac{(n_i - n_s - 1)!}{(j-2)! \cdot (n_i - n_s - j + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j - D - 1)! \cdot (D - j)!}\right)$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge y > D - s \vee s = 2 \Rightarrow$

$${}_0S_0^{İSO} = (D-s)! \cdot \left(\sum_{j=s} \sum_{(n_i=D+\mathbb{k})}^{n-\mathbb{l}} \sum_{n_s=D-j+1}^{n_i-j-\mathbb{k}}\right.$$

$$\frac{(n_i - n_s - \mathbb{k} - 1)!}{(j-2)! \cdot (n_i - n_s - j - \mathbb{k} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j - D - 1)! \cdot (D - j)!} +$$

$$\sum_{j=s+1}^{D} \sum_{(n_i=D+\mathbb{k})}^{n-\mathbb{l}} \sum_{n_s=D-j+1}^{n_i-j-\mathbb{k}+1}$$

$$\left.\frac{(j-2)!}{(j-s)! \cdot (s-2)!} \cdot \frac{(n_i - n_s - \mathbb{k} - 1)!}{(j-2)! \cdot (n_i - n_s - j - \mathbb{k} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j - D - 1)! \cdot (D - j)!}\right)$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \mathbb{k} > 0 \wedge \mathbb{k} = \mathbb{k}_1 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k}_1 \Rightarrow$

$${}_0S_0^{İSO} = (D-s)! \cdot \left(\sum_{j=s} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{n-\mathbb{l}} \sum_{n_s=\boldsymbol{n}-j+1}^{n_i-j-\mathbb{k}}\right.$$

$$\frac{(j-3)!}{(j-s)! \cdot (s-3)!} \cdot \frac{(n_i - n_s - \mathbb{k} - 1)!}{(j-2)! \cdot (n_i - n_s - j - \mathbb{k} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j)!} +$$

$$\sum_{j=s+1}^{\boldsymbol{n}} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{n-\mathbb{l}} \sum_{n_s=\boldsymbol{n}-j+1}^{n_i-j-\mathbb{k}+1}$$

$$\frac{(j-3)!}{(j-s)! \cdot (s-3)!} \cdot$$

$$\left.\frac{(n_i - n_s - \mathbb{k} - 1)!}{(j-2)! \cdot (n_i - n_s - j - \mathbb{k} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j)!}\right) +$$

$$(D-s)! \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}-(s-j_{sa})} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{n-\mathbb{l}} \sum_{n_s=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa}-1)!\cdot(j_{sa}-2)!}\cdot$$

$$\frac{(n_i-n_s-1)!}{(j^{sa}-2)!\cdot(n_i-n_s-j^{sa}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}\wedge\mathbb{k}=0\wedge\boldsymbol{s}=s+\mathbb{I}\wedge s=2\Rightarrow$

$${}_0S_0^{İSO}=(D-2)!\cdot\left(\sum_{j=2}\sum_{(n_i=D)}^{n-\mathbb{I}}\sum_{n_s=D-j+1}^{n_i-j}\right.$$

$$\frac{(n_i-n_s-1)!}{(j-2)!\cdot(n_i-n_s-j+1)!}\cdot\frac{(n_s-1)!}{(n_s+j-D-1)!\cdot(D-j)!}+$$

$$\sum_{j=3}^{D}\sum_{(n_i=D)}^{n-\mathbb{I}}\sum_{n_s=D-j+1}^{n_i-j+1}$$

$$\left.\frac{(n_i-n_s-1)!}{(j-2)!\cdot(n_i-n_s-j+1)!}\cdot\frac{(n_s-1)!}{(n_s+j-D-1)!\cdot(D-j)!}\right)$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}+\mathbb{k}\wedge\boldsymbol{s}=s+I\wedge\mathbb{k}_z:z=1\Rightarrow$

$${}_0S_0^{İSO}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{I})}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(j^{sa}+j_{sa}^{ik}-j_{sa}-2)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{I}}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j^{sa}=j_{sa})}\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(n_i-s-\Bbbk)!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \Bbbk \wedge \boldsymbol{s} = s + I \wedge \Bbbk_z\!: z = 1 \Rightarrow$

$${}_{0}S_{0}^{\dot{I}so} = (D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(j^{sa}+j_{sa}^{ik}-j_{sa}-2)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\Bbbk-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\Bbbk+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{l}}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j^{sa}=j_{sa})}\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{l})}\sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(n_{sa}+j^{sa}-s-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \Bbbk \wedge \boldsymbol{s} = s + I \wedge \Bbbk_z\!: z = 1 \Rightarrow$

$$ {}_0S_0^{\text{İ}so} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} $$

$$ \frac{(j^{sa}+j_{sa}^{ik}-j_{sa}-2)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)! \cdot (n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ (D-s)! \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} - $$

$$ (D-s)! \cdot \sum_{j^{sa}=j_{sa}} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1} $$

$$ \frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})! \cdot (\boldsymbol{n}-s)!} $$

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \boldsymbol{s} = s + I \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$ {}_0S_0^{\text{İ}so} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} $$

$$ \frac{(j^{sa}+j_{sa}^{ik}-j_{sa}-2)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)! \cdot (n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\;\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}}\;\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\;\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\;\sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(n_{sa}+j^{sa}-s-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\mathbb{k}\wedge\boldsymbol{s}=s+I\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$$

$${}_0S_0^{\text{İ}so}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j^{sa}-1)}\;\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)}\;\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}}\sum_{(j_{ik}=j^{sa}-1)}\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}\frac{(n_i-s-\Bbbk)!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}+\Bbbk\wedge\boldsymbol{s}=s+I\wedge\Bbbk_z:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_{0}S_{0}^{\text{İ}so}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{sa}-1)}\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\Bbbk-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\Bbbk+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)}\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{I}}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}}\sum_{(j_{ik}=j^{sa}-1)}\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1}\frac{(n_{sa}+j^{sa}-s-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}+\Bbbk\wedge\boldsymbol{s}=s+I\wedge\Bbbk_z:z=1\Rightarrow$

$${}_{0}S_{0}^{\text{İ}so}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\;\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}}\;\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\;\sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\boldsymbol{I}=\mathbb{l}+\mathbb{k}\wedge\boldsymbol{s}=s+I\wedge\mathbb{k}_z: z=1\Rightarrow$

$${}_0S_0^{\dot{\mathrm{I}}so}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\;\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\;\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}}\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(n_{sa}+j^{sa}-s-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\mathbb{k}\wedge\boldsymbol{s}=s+I\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_0^{\dot{\imath}so}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)!\cdot(n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)}\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)!\cdot(j_{sa}-3)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}}\sum_{(n_i=\boldsymbol{n}+\mathbb{k})}^{(n-\mathbb{l})}\sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\mathbb{k}\wedge\boldsymbol{s}=s+I\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$ {}_{0}S_{0}^{\text{İ}so} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1} $$

$$ \frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{sa}-\Bbbk-1)!}{(j^{sa}-2)! \cdot (n_i-n_{sa}-j^{sa}-\Bbbk+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ (D-s)! \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)} \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{I}} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} - $$

$$ (D-s)! \cdot \sum_{j^{sa}=j_{sa}} \sum_{(n_i=\boldsymbol{n}+\Bbbk)}^{(n-\mathbb{I})} \sum_{n_{sa}=n_i-j^{sa}-\Bbbk+1} $$

$$ \frac{(n_{sa}+j^{sa}-s-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-s)!} $$

$D = \boldsymbol{n} < n \wedge I = \mathbb{I} + \Bbbk \wedge \boldsymbol{s} = s + I \wedge \Bbbk_z : z = 1 \Rightarrow$

$$ {}_{0}S_{0}^{\text{İ}so} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{I}} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$ \frac{\left(j^{sa}+j_{sa}^{ik}-j_{sa}-2\right)!}{(j^{sa}-j_{sa})! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot $$

$$ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot $$

$$ \frac{(n_{ik}-n_{sa}-\Bbbk-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} + $$

$$ (D-s)! \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{I}} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk} $$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}}\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{l}}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i-s-\Bbbk)!}{(n_i-\boldsymbol{n}-\Bbbk)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\Bbbk\wedge\boldsymbol{s}=s+I\wedge\Bbbk_z: z=1\Rightarrow$

$${}_0S_0^{\text{iso}}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{l}}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j^{sa}+j_{sa}^{ik}-j_{sa}-2)!}{(j^{sa}-j_{sa})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{l}}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}}\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{I}}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_{sa}+j^{sa}-s-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}+\Bbbk\wedge\boldsymbol{s}=s+I\wedge\Bbbk_z:z=1\Rightarrow$

$${}_0S_0^{iso}=(D-s)!\cdot\sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{I}}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{\left(j^{sa}+j_{sa}^{ik}-j_{sa}-2\right)!}{(j^{sa}-j_{sa})!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)}\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{I}}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}}\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n-\mathbb{I}}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_{ik}+j_{ik}-s-\Bbbk-1)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk-1)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \boldsymbol{s} = s + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_{0}S_{0}^{İSO} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}
$$

$$
\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -
$$

$$
(D-s)! \cdot \sum_{j^{sa}=j_{sa}} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
$$

$$
\frac{(n_i-s-\mathbb{k})!}{(n_i-\boldsymbol{n}-\mathbb{k})! \cdot (\boldsymbol{n}-s)!}
$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \boldsymbol{s} = s + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_{0}S_{0}^{İSO} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}
$$

$$
\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$(D-s)! \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j^{sa}=j_{sa}} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_{sa}+j^{sa}-s-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \boldsymbol{s} = s + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S_0^{\dot{I}SO} = (D-s)! \cdot \sum_{j^{sa}=j_{sa}}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j^{sa}=j_{sa}+1}^{\boldsymbol{n}+j_{sa}-s} \sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)! \cdot (j_{sa}-3)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)!\cdot\sum_{j^{sa}=j_{sa}}\;\sum_{(j_{ik}=j^{sa}-1)}\;\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n-\mathbb{l}}\;\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)}\;\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_{ik}+j_{ik}-s-\mathbb{k}-1)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}-1)!\cdot(\boldsymbol{n}-s)!}$$

BAĞIMLI DURUMLA BAŞLAYAN DAĞILIMLARDA BAĞIMSIZ-BAĞIMLI DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİ

Simetri bağımsız durumla başlayıp, bağımlı durumla bittiğinde $\{0,0,0,1,2,3,4,5\}$ veya $\{0,0,0,1,2,\boldsymbol{0},\boldsymbol{0},\boldsymbol{0},3,4,\boldsymbol{0},\boldsymbol{0},5\}$, simetrinin ilk bağımlı durumuyla başlayan dağılımlarda düzgün olmayan simetrik olasılıklar bulunamaz. Fakat burada eşitliği tanımlanacaktır. Bu olasılıklar,

$${}_0S_D^{\dot{\mathrm{I}}so} = 0$$

eşitliğiyle verilebilir. Bu eşitliğe bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün olmayan simetrik olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlarda, simetri bağımsız durumla başlayıp bağımlı durumla bittiğinde; simetrinin ilk bağımlı durumuyla başlayan dağılımlarda, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün olmayan simetrik olasılık*** denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün olmayan simetrik olasılık ${}_0S_D^{\dot{\mathrm{I}}so}$ ile gösterilecektir.

$D = \boldsymbol{n} < n \wedge I = \mathbb{I} \Rightarrow$

$${}_0S_D^{\dot{\mathrm{I}}so} = 0$$

Örnek D48; *DNA kopyalanmasında Helikalas proteini, kopyalanma çatalında ikili sarmalı tersine döndürerek eski iki zincire ayırır. 100 genden oluşan özel bir DNA'nın bir geninin bir ipliği adenin (A), guanin (G) ve sitozinin (C) farklı dizilimi ve beş timinin (T) bu üç azotlu bazın olasılık dağılımlarına bağımsız olasılıkla dağılımından oluşsun. Bir iplikteki AGC simetrisi kopyalanma çatalı olsun. Bu çatalın timinle başlayıp sonraki ilk farklı dizilimli azotlu bazı adenin olan ve adeninle başlayan dağılımlardaki TAGC düzgün olmayan simetrik yapılarının bulunduğu ökaryotik hücrelerde $5'$ ucunun bulunduğunu kabul edelim[1]. Helikalas proteini ve DNA polimeraz enzimi $5'$ ucunda kopyalanma hatasında düzeltme yapamıyorsa, a) DNA'da $5'$ uclu kopyalanma hatası nekadardır? b)timinle başlayan dağılımlardaki $5'$ uçlu kopyalanma hatası ne kadardır? c) adeninle başlayan dağılımlardaki $5'$ uçlu kopyalanma hatası nekadardır?*

$DNA = 100\ gen, her\ gen\ için\ D = 3, n = 8, \imath = 5, I = 1\ ve\ \boldsymbol{s} = 4 \Rightarrow$

a) ${}_0S^{\dot{\mathrm{I}}so} = ?\ ve\ {}_0S^{\dot{\mathrm{I}}so} \cdot 100 = ?$ *b)* ${}_0S_0^{\dot{\mathrm{I}}so} = ?\ ve\ {}_0S_0^{\dot{\mathrm{I}}so} \cdot 100 = ?\ ve$

[1] Bu sorunun biyoloji kısmı için Campel, N. A. ve Reece J. B. "Biyoloji", ss: 296-300 bakılabilir

c) ${}_0S_D^{\text{İso}} =?\, ve\ \ {}_0S_D^{\text{İso}} \cdot 100 =?$

Bu örnek 3. seviyeden soru ve 3. seviyeden problemdir.

a)

$${}_0S^{\text{İso}} = \frac{(n\ - I)!}{(\iota - I)! \cdot (n - \iota)} \cdot \frac{1}{(\boldsymbol{s} - I - 1)!} - \frac{(n - \boldsymbol{s} + 1)!}{(\iota - I)! \cdot (n - \iota - \boldsymbol{s} + I + 1)}$$

$${}_0S^{\text{İso}} = \frac{(8\ - 1)!}{(5 - 1)! \cdot (8 - 5)} \cdot \frac{1}{(4 - 1 - 1)!} - \frac{(8 - 4 + 1)!}{(5 - 1)! \cdot (8 - 5 - 4 + 1 + 1)}$$

$${}_0S^{\text{İso}} = 30$$

$${}_0S^{\text{İso}} \cdot 100 = 30 \cdot 100 = 3.000$$

ökaryotik hücrenin DNA'sında $5'$ *uçlu 3.000 kopyalanma hatası oluşur.*

b)

$${}_0S_0^{\text{İso}} = \frac{(n\ - I)!}{(\iota - I)! \cdot (n - \iota)} \cdot \frac{1}{(\boldsymbol{s} - I - 1)!} - \frac{(n - \boldsymbol{s} + 1)!}{(\iota - I)! \cdot (n - \iota - \boldsymbol{s} + I + 1)}$$

$${}_0S_0^{\text{İso}} = \frac{(8\ - 1)!}{(5 - 1)! \cdot (8 - 5)} \cdot \frac{1}{(4 - 1 - 1)!} - \frac{(8 - 4 + 1)!}{(5 - 1)! \cdot (8 - 5 - 4 + 1 + 1)}$$

$${}_0S_0^{\text{İso}} = 30$$

$${}_0S_0^{\text{İso}} \cdot 100 = 30 \cdot 100 = 3.000$$

ökaryatik hücrenin DNA'sında $5'$ *uçlu 3.000 kopyalanma hatasının tamamı timin ile başlayan dağılımlarda bulunur.*

c)

$${}_0S_D^{\text{İso}} = 0$$

BAĞIMSIZ-BAĞIMLI DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİK BULUNMAMA OLASILIĞI

Simetri bağımsız durumla başlayıp, bağımlı durumla bittiğinde $\{0,0,0,1,2,3,4,5\}$ veya $\{0,0,0,1,2,\mathbf{0},\mathbf{0},\mathbf{0},3,4,\mathbf{0},\mathbf{0},5\}$, bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlardan, simetrinin başladığı bağımlı durumla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı bağımlı durum bulunan dağılımlardan düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısı; bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımın başladığı duruma göre tek simetrik olasılıktan, bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün olmayan simetrik olasılığın çıkarılmasına eşit olur. Simetri bağımsız durumla başlayıp, bağımlı durumla bittiğinde, bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlardan, simetrinin başladığı bağımlı durumla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı bağımlı durum bulunan dağılımlarda, ilk düzgün olmayan simetrik bulunmama olasılığı için,

$$ {}_{0}S^{\dot{I}SO,B} = {}_{0,T}^{\;1}S_1^1 - {}_{0}S^{\dot{I}SO} $$

eşitliği elde edilir. Bu eşitliğe bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün olmayan simetrik bulunmama olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlarda, simetri bağımsız durumla başlayıp, bağımlı durumla bittiğinde; simetrinin ilk bağımlı durumuyla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin ilk bağımlı durum olan dağılımlarda, düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün olmayan simetrik bulunmama olasılığı*** denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün olmayan simetrik bulunmama olasılığı ${}_{0}S^{\dot{I}SO,B}$ ile gösterilecektir.

BAĞIMSIZ DURUMLA BAŞLAYAN DAĞILIMLARDA BAĞIMSIZ-BAĞIMLI DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİK BULUNMAMA OLASILIĞI

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$${}_{0}S_{0}^{\text{İ}SO,B} = {}_{0,1t}^{\;\;1}S_{1}^{1} - {}_{0}S_{0}^{\text{İ}SO}$$

eşitliği elde edilir. Bu eşitliğe bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlarda, simetri bağımsız durumla başlayıp bağımlı durumla bittiğinde; bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı ilk bağımlı durum bulunan dağılımlarda, düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı*** denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı ${}_{0}S_{0}^{\text{İ}SO,B}$ ile gösterilecektir.

BAĞIMLI DURUMLA BAŞLAYAN DAĞILIMLARDA BAĞIMSIZ-BAĞIMLI DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİK BULUNMAMA OLASILIĞI

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$${}_{0}S_{D}^{\text{İ}SO,B} = \left({}_{0,T}^{\;1}S_{1}^{1} - {}_{0,1t}^{\;\;1}S_{1}^{1}\right) - {}_{0}S_{D}^{\text{İ}SO}$$

ve ${}_{0}S_{D}^{\text{İ}SO} = 0$ olduğundan,

$${}_{0}S_{D}^{\text{İ}SO,B} = {}_{0,T}^{\;1}S_{1}^{1} - {}_{0,1t}^{\;\;1}S_{1}^{1}$$

$$D = \boldsymbol{n} < n$$

eşitliği elde edilir. Bu eşitliğe bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlarda, simetri bağımsız durumla başlayıp bağımlı durumla bittiğinde; simetrinin ilk bağımlı durumuyla başlayan dağılımlarda, düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı*** denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı ${}_0S_D^{\dot{I}SO,B}$ ile gösterilecektir.

BÖLÜM D İLK DÜZGÜN OLMAYAN SİMETRİK OLASILIK ÖZET

- Bağımlı ve bir bağımsız olasılıklı 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.

$$S^{\dot{I}so} = S^{\dot{I}s} - S^{\dot{I}ss}$$
veya
$${}_{0}S^{\dot{I}so} = {}_{0}S^{\dot{I}s} - {}_{0}S^{\dot{I}ss}$$
veya
$${}^{0}S^{\dot{I}so} = {}^{0}S^{\dot{I}s} - {}^{0}S^{\dot{I}ss}$$

- Bağımlı ve bir bağımsız olasılıklı 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.

$$S_{0}^{\dot{I}so} = S_{0}^{\dot{I}s} - S_{0}^{\dot{I}ss}$$
veya
$${}_{0}S_{0}^{\dot{I}so} = {}_{0}S_{0}^{\dot{I}s} - {}_{0}S_{0}^{\dot{I}ss}$$
veya
$${}^{0}S_{0}^{\dot{I}so} = {}^{0}S_{0}^{\dot{I}s} - {}^{0}S_{0}^{\dot{I}ss}$$

- Bağımlı ve bir bağımsız olasılıklı 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.

$$S_{D}^{\dot{I}so} = S_{D}^{\dot{I}s} - S_{D}^{\dot{I}ss}$$
veya
$${}_{0}S_{D}^{\dot{I}so} = {}_{0}S_{D}^{\dot{I}s} - {}_{0}S_{D}^{\dot{I}ss}$$
veya
$${}^{0}S_{D}^{\dot{I}so} = {}^{0}S_{D}^{\dot{I}s} - {}^{0}S_{D}^{\dot{I}ss}$$

DİZİN

O

S

VDOİHİ'de Olasılık ve İhtimal konularının tanım ve eşitlikleri verilmektedir. Ayrıca VDOİHİ'de olasılık ve ihtimalin uygulama alanlarına da yer verilmektedir. VDOİHİ konu anlatım ciltleri ve aynı cilt numaraları ile soru, problem ve ispat çözümlerinden oluşmaktadır. Bu cilt, bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu simetrinin ilk düzgün olmayan simetrik olasılığı ve ilk düzgün olmayan simetrik bulunmama olasılıklarının tanım ve eşitliklerinden oluşmaktadır.

VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimli Bağımsız-Bağımlı Durumlu Simetrinin İlk Düzgün Olmayan Simetrik Olasılık kitabında, bağımlı durum sayısı, bağımlı olay sayısına eşit farklı dizilimli dağılımlar ve bir bağımsız olasılıklı dağılımla elde edilebilecek yeni olasılık dağılımlarından, simetrinin ilk bağımlı durumuyla başlayan ve bağımsız durumla başlayıp ilk bağımlı durumu simetrinin ilk bağımlı durumu olan dağılımlarda, bağımsız-bağımlı durumlardan oluşan simetrinin; düzgün olmayan simetrik olasılıkları ve düzgün olmayan simetrik bulunmama olasılıklarının tanım ve eşitlikleri verilmektedir. Ayrıca bu olasılıkların tanım ve eşitlikleri dağılımın başladığı durumlara göre de verilmektedir.

VDOİHİ'nin bu cildinde verilen ilk düzgün olmayan simetrik olasılık eşitlikleri teorik yöntemle üretilmiştir. Tanım ve eşitliklerin üretilmesinde dış kaynak kullanılmamıştır.