VDOİHİ

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

Cilt 2.1.8.1

İsmail YILMAZ

VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimli Bir Bağımlı-Bağımsız ve Bağımlı-Bağımsız Durumlu Simetrinin İlk Düzgün Olmayan Simetrik Olasılığı-Cilt 2.1.8.1

İsmail YILMAZ

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 **e**n **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^{IS}: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı durumlu ilk simetrik olasılık

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

S^{ISO}: 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

l

$_{D=\boldsymbol{n<n}}S \equiv S$: 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

$S_0^{\text{İS}}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı durumlu bağımsız ilk simetrik olasılık

$S_0^{\text{İSS}}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı durumlu bağımsız ilk düzgün simetrik olasılık

$S_0^{\text{İSO}}$: 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

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

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

$S_D^{\text{İSO}}$: 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

$_0S^{\text{İS}}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu ilk simetrik olasılık

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

$_0S^{\text{İSO}}$: 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

$_0S_0^{\text{İS}}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk simetrik olasılık

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

$_0S_0^{\text{İSO}}$: 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

$_0S_D^{\text{İS}}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk simetrik olasılık

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

$_0S_D^{\text{İSO}}$: 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

$^0S^{is}$: 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

$^0S^{iss}$: 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

$^0S^{iso}$: 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

$^0S_0$: 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

$^0S_0^{is}$: 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

$^0S_0^{iss}$: 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

$^0S_0^{iso}$: 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

^0S_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

$^0S_D^{is}$: 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

$^0S_D^{iss}$: 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

$^0S_D^{iso}$: 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

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

$S^{DSD}_{j_s,j^{sa}}$: 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

$S^{DSD}_{j_{ik},j^{sa}}$: 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

$S^{DSD}_{j_s,j_{ik},j^{sa}}$: 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

$S^{DSD}_{j_s,j_{ik},j_i}$: 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

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

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

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

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

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

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

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

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

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

$S_{j_s,j_{ik},j_i}^{DOSD}$: 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

$S_{j^{sa}}^{DOSD}$: 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_{j_s,j_i}^{DOSD}: 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

$S_{j_s,j^{sa}}^{DOSD}$: 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

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

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

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

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

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

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

$S_{BB j_s,j_{ik},j^{sa} \Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin ilk ve

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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

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

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

$S^{İSO,B}$: 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

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

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

$S_0^{İSO,B}$: 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

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

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

$S_D^{\text{İSO,B}}$: 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

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

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

$_0S^{\text{İSO,B}}$: 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

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

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

$_0S_0^{\text{İSO,B}}$: 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

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

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

$_0S_D^{\text{İSO,B}}$: 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

$^0S^{\text{İS,B}}$: 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

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

$^0S^{İSS,B}$: 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

$^0S^{İSO,B}$: 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

$^0S_0^B$: 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

$^0S_0^{İS,B}$: 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

$^0S_0^{İSS,B}$: 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

$^0S_0^{\text{İSO},B}$: 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

$^0S_D^B$: 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

$^0S_D^{\text{İS},B}$: 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

$^0S_D^{\text{İSS},B}$: 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

$^0S_D^{\text{İSO},B}$: 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

$^1S_1^1$: 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

$^1S_1^{1,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir olay için bir bağımlı durumun tek simetrik bulunmama olasılığı

$_1^1S_1^1$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir dizilimin bağımlı tek simetrik olasılık

$_D^1S_1^1$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir olay için bağımlı tek simetrik olasılık

$_0^1S_1^1$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir olay için bağımsız tek simetrik olasılık

$_0^1S_1^{1,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir olay için bağımsız tek simetrik bulunmama olasılığı

$_{0,1}^1S_1^1$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir dizilimin bağımsız tek simetrik olasılığı

$_{0,1t}^1S_1^1$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı durumun bağımsız tek simetrik olasılığı

$_{0,T}^1S_1^1$: 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

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

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

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

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

$_0S^{İSS,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli birlikte ilk düzgün simetrik olasılık

$_0S^{İSO,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli birlikte ilk düzgün olmayan simetrik olasılık

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

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

$_0S_0^{İSS,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız birlikte ilk düzgün simetrik olasılık

$_0S_0^{İSO,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız birlikte ilk düzgün olmayan simetrik olasılık

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

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

$_0S_D^{İSS,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte ilk düzgün simetrik olasılık

$_0S_D^{İSO,BS}$: 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

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

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

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

^0S_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

$^0S_{0,T}$: 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

$^0S_{D,T}$: 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

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

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

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

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

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

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

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

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

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

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

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

$_0S_D^{\text{İSO,BS,B}}$: 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

D

Bağımlı ve Bir Bağımsız Olasılıklı Farlı Dizilimli Dağılımlar

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

BAĞIMLI VE BİR BAĞIMSIZ OLASILIKLI FARKLI DİZİLİMLİ DAĞILIMLAR

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* ($D = n\ ve$ "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 bir bağımlı-bağımsız ve bağımlı-bağımsız durumlu simetrilerin, bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetrinin ilk bağımlı durumu bulunan ve simetrinin ilk bağımlı durumuyla başlayan dağılımlardaki, ilk düzgün olmayan simetrik ve ilk düzgün olmayan simetrik bulunmama olasılığının eşitlikleri verilecektir.

BİR BAĞIMLI-BAĞIMSIZ DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİ

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

$$^0S^{\mathrm{iso}} = {}^0S^{\mathrm{iS}} - {}^0S^{\mathrm{iSS}}$$

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

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

veya bu eşitlikteki durum sayısı yerine $D = n - \iota$ yazıldığında,

$$^0S^{\mathrm{iso}} = \frac{n! \cdot (n + I - \iota - \boldsymbol{s})!}{(\iota - I)!} \cdot \left(\sum_{i=\boldsymbol{s}-I}^{n-\iota} \mp \frac{(i + \iota - I)!}{i! \cdot (i + \iota)! \cdot (n - \iota - i)!} \right) - \frac{(n - I)!}{(\iota - I)! \cdot (n - \iota)}$$

veya

$$^0S^{\mathrm{iso}} = (D - 1)! \cdot \sum_{(n_i = D + I)}^{n} \frac{(n_i - 1)!}{(n_i - D)! \cdot (D - 1)!} -$$

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

$$^0S^{\mathrm{iso}} = (D - 1)! \cdot \sum_{(n_i = D + I)}^{n}$$

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

veya

$${}^{0}S^{\text{iso}} = (D - 1)! \cdot \left(\sum_{n_i = D + I}^{n} \right.$$

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

$$\sum_{n_i = D + I}^{n} \sum_{i = I + 1}^{D + I - j}$$

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

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

$$\frac{(n_i - I - 1)!}{(n_i - D - I)! \cdot (D - 1)!}$$

$${}^{0}S^{\text{iso}} = (D - 1)! \cdot \sum_{n_i = D + I}^{n} \sum_{i = I + 1}^{D + I - j}$$

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

$j = D = \boldsymbol{n}$ olduğunda i'li terimler hesaplamaya dahil edilmez!

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

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

6     $D = \boldsymbol{n} < n$

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

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

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

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

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

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

$$^0S^{\text{iso}} = (D - 1)! \cdot \sum_{(n_i = D + I)}^{n}$$

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

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

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

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

BAĞIMLI-BAĞIMSIZ DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİ

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

$$^0S^{iso} = \; ^0S^{is} - \; ^0S^{iss}$$

ve eşitliğin sağındaki terimlerin, simetri bağımlı durumla başlayıp, bağımlı durumları arasında bağımsız durum bulunmadan, bağımsız durumlarla bittiğindeki $\{1, 2, 3, 0, 0, 0\}$ eşitleri yazıldığında,

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

veya bu eşitlikteki durum sayısı yerine $D = n - \iota$ yazıldığında,

$$^0S^{iso} = \frac{n! \cdot (n + I - \iota - s)!}{(\iota - I)!} \cdot \left(\sum_{i=s-I}^{n-\iota} \mp \frac{(i + \iota - I)!}{i! \cdot (i + \iota)! \cdot (n - \iota - i)!} \right) -$$

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

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

$$^0S^{iso} = (D - s)! \cdot \left(\sum_{j=s}^{n} \sum_{(n_i=D+I)}^{} \sum_{n_s=n_i-j+1}^{} \sum_{(i=I+1)}^{D+I-j} \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j - D - I - 1)! \cdot (D + I - j - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} +$$

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

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

$D = \boldsymbol{n} < n$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$\qquad D = \boldsymbol{n} < n$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$j=D=\boldsymbol{n}$ olduğunda i'li terimler hesaplamaya dahil edilmez!

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

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

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

12          $D = \boldsymbol{n} < n$

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

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

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

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

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

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

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

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

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

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

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

$$^{0}S^{\text{iso}} = \frac{n! \cdot (n - \iota - s)!}{(\iota - I)!} \cdot \left(\sum_{i=s}^{n-\iota} \mp \frac{(i + \iota - I)!}{i! \cdot (i + \iota)! \cdot (n - \iota - i)!} \right) - $$

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

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

$$^{0}S^{\text{iso}} = (D - s)! \cdot \left(\sum_{j=s}^{n} \sum_{(n_i = D+I)}^{n} \sum_{n_s = n_i - j + 1} \sum_{(i = \boldsymbol{I}+1)}^{D + \boldsymbol{I} - j} \right.$$

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

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

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

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

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

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

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

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

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

$${}^0S^{\mathrm{iSO}} = (\boldsymbol{n} - s)! \cdot \left(\sum_{j_i=s} \sum_{(n_i=\boldsymbol{n}+I)}^{(n)} \sum_{n_s=n_i-j_i+1} \right.$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$^{0}S^{\text{iso}} = (\boldsymbol{n} - 2)! \cdot \Bigg(\sum_{j_i=2} \sum_{(n_i=\boldsymbol{n}+I)}^{(n)} \sum_{n_s=n_i-j_i-\Bbbk+1}$$

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

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

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

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

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

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

$$^{0}S^{\text{iso}} = (D - 2)! \cdot \Bigg(\sum_{j_i=2} \sum_{(n_i=D+I)}^{(n)} \sum_{n_s=n_i-j_i+1} \sum_{(i=\boldsymbol{I}+1)}^{(D+\boldsymbol{I}-j_i)}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$^0S^{iso} = (D-s)! \cdot \sum_{j^{sa}=s}^{\boldsymbol{n}} \sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{n_s=\boldsymbol{n}+I-j^{sa}+1}^{n_i-j^{sa}-\Bbbk+1} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j^{sa})}$$

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

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

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

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

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

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

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

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

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

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

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

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

$${}^0S^{\mathrm{iso}} = (D - \boldsymbol{s})! \cdot \sum_{j^{sa}=s}^{\boldsymbol{n}} \sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_i - j^{sa} - \Bbbk + 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j^{sa})}$$

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

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n$

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

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

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

$$^0 S^{\mathrm{iso}} = (D-s)! \cdot$$

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

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

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

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

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

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

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

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

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

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

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

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

$$^0S^{ISO} = (D-s)! \cdot$$

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

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

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

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

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

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

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

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

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

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

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

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

$$^0S^{ISO} = (D-s)! \cdot$$

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

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

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

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

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

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

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

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

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

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

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

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

$$^0 S^{\mathrm{iSO}} = (D - s)! \cdot$$

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

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

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

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

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

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

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

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

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

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

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

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

$$^0 S^{\dot{I}SO} = (D - s)! \cdot$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$D = n < n \wedge I = \Bbbk+I \wedge s > 1 \wedge I > 1 \wedge \Bbbk > 0 \wedge s = s+\Bbbk+I \wedge$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}^{0}S^{\mathrm{iso}} = (D-s)! \cdot$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}^{0}S^{ISO} = (D-s)! \cdot$$

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

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

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

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

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

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

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

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

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

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

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

42          $D = \boldsymbol{n} < n$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$D = n < n \wedge \Bbbk = 0 \wedge I = I \wedge s = s + I \vee$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$\qquad D = \boldsymbol{n} < n$

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

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

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

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

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

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^{0}S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+j_s+j_{sa}-j_{ik}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s}-1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_s+j_{sa}-j_{ik}-s-j_{sa}^{s}-1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa}-1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+2 \cdot j_s+j_{sa}+j_{sa}^{ik}-2 \cdot j^{sa}-s-\Bbbk-I-2 \cdot j_{sa}^s+1)!}{(n_i-\boldsymbol{n}-\Bbbk-I)! \cdot (\boldsymbol{n}+2 \cdot j_s+j_{sa}+j_{sa}^{ik}-2 \cdot j^{sa}-s-2 \cdot j_{sa}^s+1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s+I \wedge j_{ik} = j^{sa}-1 \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$

$$^{0}S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s-\Bbbk-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s+1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa}-1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$$

$\qquad D = \boldsymbol{n} < n$

$$^{0}S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+j^{sa}+j_{sa}^s+j_{sa}^{ik}-j_s-2 \cdot j_{sa}-s-\Bbbk-I+1)!}{(n_i-\boldsymbol{n}-\Bbbk-I)! \cdot (\boldsymbol{n}+j^{sa}+j_{sa}^s+j_{sa}^{ik}-j_s-2 \cdot j_{sa}-s+1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\Bbbk-\boldsymbol{I}-j_{sa}^s)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa}-1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$

$$^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+j^{sa}+j_{sa}^s-j_s-j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I}-1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}+j^{sa}+j_{sa}^s-j_s-j_{sa}^{ik}-s-1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa}-1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$

$$^{0}S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+j_{ik}+j_{sa}^s+j_{sa}-j_s-2 \cdot j_{sa}^{ik}-s-\Bbbk-I-1)!}{(n_i-\boldsymbol{n}-\Bbbk-I)! \cdot (\boldsymbol{n}+j_{ik}+j_{sa}^s+j_{sa}-j_s-2 \cdot j_{sa}^{ik}-s-1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s+I \wedge j_{ik} = j^{sa}-1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s+\Bbbk+I \wedge \Bbbk_z : z=1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$$

$$D = \boldsymbol{n} < n$$

$$^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} {}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+j_{sa}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{ik}-1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_{sa}-s-j_{sa}^{ik}-1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s+\boldsymbol{I} \wedge j_{ik} = j^{sa}-1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s+\Bbbk+\boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+j_{sa}^{ik}-j_{sa}-s-\Bbbk-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_{sa}^{ik}-j_{sa}-s+1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s+\boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s+\Bbbk+\boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$D = \boldsymbol{n} < n$$

$$
{}^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\Bbbk-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}
$$

$$
\frac{(n_i+j_s-s-\Bbbk-\boldsymbol{I}-j_{sa}^s)!}{(n_i+j_s-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s)! \cdot (\boldsymbol{n}-s)!}
$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+j_s-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!}{(n_i+j_s-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s})! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$D = \boldsymbol{n} < n$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_{ik} + j_{ik} - j_s - s - \Bbbk - \boldsymbol{I})!}{(n_{ik} + j_{ik} - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk}$$

$$\frac{\left(n_{ik} + j_{sa}^{ik} - s - \Bbbk - \boldsymbol{I} - j_{sa}^{s}\right)!}{\left(n_{ik} + j_{ik} - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^{s}\right)! \cdot \left(\boldsymbol{n} + j_{sa}^{ik} - s - j_{ik}\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{\left(\boldsymbol{n} + j_{sa}^{ik} - s\right)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{\left(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)!}{\left(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - s\right)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{\left(\boldsymbol{n} + j_{sa}^{ik} - s\right)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{\left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)! \cdot \left(j_{sa} - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - \Bbbk - \boldsymbol{I} + 2)!}{(2 \cdot n_i - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\mathrm{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(2 \cdot n_i + j_s - n_{ik} - j_{ik} - s - \Bbbk - \boldsymbol{I})!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} + j_{sa}^s - s - j_s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0S^{\text{iSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j_{ik} - 1)!}{(\boldsymbol{n} + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_{ik}+j^{sa}-j_s-s-\Bbbk-\boldsymbol{I}-1)!}{(n_{ik}+j^{sa}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s}-1)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa}-1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$$

$$^{0}S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$D = \boldsymbol{n} < n$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\Bbbk-I-j_{sa}^s\right)!}{(n_{ik}+j^{sa}-\boldsymbol{n}-\Bbbk-I-j_{sa}^s-1)! \cdot \left(\boldsymbol{n}+j_{sa}^{ik}-s-j^{sa}+1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa}-1 \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j^{sa} - s - \Bbbk - \boldsymbol{I} + 3)!}{(2 \cdot n_i - n_{ik} - j^{sa} - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s + 3)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0S^{\text{iSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(2 \cdot n_i + j_s - n_{ik} - j^{sa} - s - \Bbbk - \boldsymbol{I} + 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j^{sa} - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_{sa} + j^{sa} - j_s - s - \boldsymbol{I})!}{(n_{sa} + j^{sa} - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0 S^{iSO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$\qquad D = \boldsymbol{n} < n$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_{sa} + j_{sa} - s - \boldsymbol{I} - j_{sa}^s)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} + j_{sa} - s - j^{sa})!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1}^{\boldsymbol{I}} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(2 \cdot n_i - n_{sa} - j_s - j^{sa} - s - 2 \cdot \Bbbk - \boldsymbol{I} + 2)!}{(2 \cdot n_i - n_{sa} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$${}^0S^{\mathrm{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\;)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - j_{ik} - j^{sa} - s - 2 \cdot \Bbbk - I + 3)!}{(3 \cdot n_i - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - I - j_{sa}^{s} + 3)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)!\cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(2\cdot n_i+j_s-n_{sa}-j^{sa}-s-2\cdot\Bbbk-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s+\boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s+\Bbbk+\boldsymbol{I} \wedge \Bbbk_z: z = 1 \Rightarrow$$

$$^0\dot{S}^{iso} = (D-s)!\cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!} +$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - s - 2 \cdot \Bbbk - \boldsymbol{I})!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\boldsymbol{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j_s - j^{sa} - s - 2 \cdot \Bbbk - \boldsymbol{I})!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(\boldsymbol{n} + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i + n_{ik} + j_{ik} - n_{sa} - j^{sa} - s - 2 \cdot \Bbbk - \boldsymbol{I})!}{(n_i + n_{ik} + j_s + j_{ik} - n_{sa} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j_{ik} - 1)!}{(\boldsymbol{n} + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_{sa} + j_{ik} - j_s - s - \boldsymbol{I} + 1)!}{(n_{sa} + j_{ik} - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0S^{\dot{\mathrm{I}}SO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j_{ik} - 1)!}{(\boldsymbol{n} + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_{sa} + j_{sa} - s - \boldsymbol{I} - j_{sa}^s)!}{(n_{sa} + j_{ik} - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} + j_{sa} - s - j_{ik} - 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j_{ik} - 1)!}{(\boldsymbol{n} + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(2 \cdot n_i - n_{sa} - j_s - j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} + 1)!}{(2 \cdot n_i - n_{sa} - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0 S^{\dot{\imath}so} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$D = \boldsymbol{n} < n$

$$(D-s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{\boldsymbol{n}+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!}$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j^{sa} - s - 2 \cdot \Bbbk - \boldsymbol{I} + 4)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 4)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^0S^{iso} = (D-s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!}$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(3 \cdot n_i-n_{ik}-n_{sa}-j_s-2 \cdot j_{ik}-s-2 \cdot \Bbbk-I+2)!}{(3 \cdot n_i-n_{ik}-n_{sa}-2 \cdot j_{ik}-\boldsymbol{n}-2 \cdot \Bbbk-I-j_{sa}^s+2)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j^{sa}-1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z: z = 1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!}$$

$$(D-s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j^{sa}=j_{ik}+1)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}^{}$$

$$\frac{(2 \cdot n_i+j_s-n_{sa}-j_{ik}-s-2 \cdot \Bbbk-\boldsymbol{I}-1)!}{(2 \cdot n_i+2 \cdot j_s-n_{sa}-j_{ik}-\boldsymbol{n}-2 \cdot \Bbbk-\boldsymbol{I}-j_{sa}^s-1)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa}-1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$$

$${}^0 S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!}$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(3 \cdot n_i+2 \cdot j_s-n_{ik}-n_{sa}-2 \cdot j^{sa}-s-2 \cdot \Bbbk-I+1)!}{(3 \cdot n_i+3 \cdot j_s-n_{ik}-n_{sa}-2 \cdot j^{sa}-n-2 \cdot \Bbbk-I)! \cdot (n-s)!}$$

$$D = n < n \wedge \Bbbk = 0 \wedge I = I \wedge s = s+I \wedge j_{ik} = j^{sa}-1 \vee$$

$$I = \Bbbk+I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s+\Bbbk+I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} +$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!}$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(2 \cdot n_{ik}+j_{ik}-n_{sa}-j_s-s-2 \cdot \Bbbk-\boldsymbol{I}-1)!}{(2 \cdot n_{ik}+j_{ik}-n_{sa}-\boldsymbol{n}-2 \cdot \Bbbk-\boldsymbol{I}-j_{sa}^s-1)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa}-1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j^{sa}-1 \Rightarrow$$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!}$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

$$\frac{(n_i+n_{ik}-n_{sa}-s-2\cdot\Bbbk-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s-n_{sa}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^s-1)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\left(\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}-s)!} \right)_{j^{sa}}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{ISO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\left(\frac{(n_i-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j^{sa}}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$$

$$D = \boldsymbol{n} < n$$

$$
{}^0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_i - s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \Big) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^{0}S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_i + j_s + j_{sa} - j^{sa} - s - \Bbbk - \boldsymbol{I} - j_{sa}^s)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s + j_{sa} - j^{sa} - s - j_{sa}^s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_i + j_s + j_{sa} - j^{sa} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s + j_{sa} - j^{sa} - s - j_{sa}^s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - \Bbbk - \boldsymbol{I} - 2 \cdot j_{sa}^s)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - 2 \cdot j_{sa}^s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

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$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - 2 \cdot j_{sa}^s)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - 2 \cdot j_{sa}^s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

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$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Big) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\quad)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa} - s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j^{sa} + j_{sa}^s - j_s - j_{sa} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{\mathrm{ISO}} = (D - s)! \cdot \sum_{j_s=1}^{(\,)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\,)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j^{sa} + j_{sa}^s - j_s - j_{sa} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j^{sa}=j_{sa})}^{}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\;)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{\left(n_i + 2 \cdot j^{sa} + j_{sa}^{s} + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s - \Bbbk - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\;)} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\;)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge s = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{\left(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \Bbbk - \boldsymbol{I} - j_{sa}^{s}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^{s}\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0 S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$\qquad D = \boldsymbol{n} < n$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^s)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

120    $D = \boldsymbol{n} < n$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}+j_{sa}-s}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i+2\cdot j_{ik}+j_{sa}^s+j_{sa}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^s+j_{sa}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge\boldsymbol{I}=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$$

$$l=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$$

$$l=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$$

$$^0S^{iso}=(D-s)!\cdot\sum_{j_s=1}^{(\quad)}\sum_{(j_{ik}=j_{sa}^{ik})}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{(j_{ik}=j_{sa}^{ik}+1)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_i + j_{ik} + j_{sa} - j^{sa} - s - \Bbbk - \boldsymbol{I} - j_{sa}^{ik})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} + j_{sa} - j^{sa} - s - j_{sa}^{ik})!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^{0}S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + I - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + I - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j^{ik}_{sa})!\cdot(j^{ik}_{sa}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!\cdot(j_{sa}-j^{ik}_{sa}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j^{ik}_{sa}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}-j^{sa}-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j^{ik}_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}-j^{sa}-s-j^{ik}_{sa})!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0S^{iso} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j^{ik}_{sa})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik} = j_{sa}^{ik})}^{( )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{\left(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - \Bbbk - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{\left(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\left(\frac{(n_i - s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!} \right)_{j^{sa}}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$D = \boldsymbol{n} < n$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \left(\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\left(\frac{(n_i-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})! \cdot (\boldsymbol{n}-s)!} \right)_{j^{sa}}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i - s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j^{sa} - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z: z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \land j_{ik} = j^{sa} - 1 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z: z = 1 \land \Bbbk = \Bbbk_2 \land j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}^{}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D - s)! \cdot \left(\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i-s-\Bbbk_1-\Bbbk_2-I)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-I)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=I\wedge s=s+I\wedge j_{ik}=j^{sa}-1\vee$$

$$I=\Bbbk+I\wedge s>1\wedge\Bbbk>0\wedge I>1\wedge \boldsymbol{s}=s+\Bbbk+I\wedge$$

$$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$$

$$I=\Bbbk+I\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge I>1\wedge$$

$$\boldsymbol{s}=s+\Bbbk+I\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$$

$${}^0S^{\text{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$D = \boldsymbol{n} < n$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}+j_{sa}-s}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;\;)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i+j_s+j_{sa}-j_{ik}-s-\Bbbk-\boldsymbol{I}-j_{sa}^s-1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s+j_{sa}-j_{ik}-s-j_{sa}^s-1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa}-1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa}-1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0 S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \cdot \frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$\qquad D = \boldsymbol{n} < n$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_i + j_s + j_{sa} - j_{ik} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^{S} - 1)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s + j_{sa} - j_{ik} - s - j_{sa}^{S} - 1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s = 1}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{n + j_{sa} - s} \sum_{j^{sa} = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\quad)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - \Bbbk - \boldsymbol{I} - 2 \cdot j_{sa}^s + 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - 2 \cdot j_{sa}^s + 1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa} = j_{sa}}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - 2 \cdot j_{sa}^s + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - 2 \cdot j_{sa}^s + 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\boldsymbol{n}+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!}\Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s-\Bbbk-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s+1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa}-1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa}-1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa}-1 \Rightarrow$

$$^{0}S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} + 1)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - j_{sa} - s + 1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i+j^{sa}+j_{sa}^s+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s-\Bbbk-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j^{sa}+j_{sa}^s+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge\boldsymbol{I}=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$

$l=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$l=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$^0S^{\dot{\imath}so}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}+j_{sa}^s+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})! \cdot (\boldsymbol{n}+j^{sa}+j_{sa}^s+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s+1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0 S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \cdot \frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$D = \boldsymbol{n} < n$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i + j_s + j_{sa}^{ik} - j^{sa} - s - \Bbbk - \boldsymbol{I} - j_{sa}^s + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_s + j_{sa}^{ik} - j^{sa} - s - j_{sa}^s + 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i + j_s + j_{sa}^{ik} - j^{sa} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 1)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s + j_{sa}^{ik} - j^{sa} - s - j_{sa}^s + 1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge l = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}}^{s}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ \ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{\left(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \Bbbk - \boldsymbol{I} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge l = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{\left(j_{ik} = j_{sa}^{ik}\right)}^{(\ \ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{\left(j_{ik} = j_{sa}^{ik}\right)}^{(\ \ )} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$\qquad D = \boldsymbol{n} < n$

$$\sum_{j_s=1}^{}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Big)-$$

$$(D-s)!\cdot\sum_{j_s=1}^{}\sum_{j_{ik}=j_{sa}^{ik}}^{}\sum_{(j^{sa}=j_{ik}+1)}^{(\quad)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}^{}$$

$$\frac{(n_i+j^{sa}+j_{sa}^s-j_s-j_{sa}^{ik}-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-1)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j^{sa}+j_{sa}^s-j_s-j_{sa}^{ik}-s-1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^0S^{iso} = (D-s)!\cdot\sum_{j_s=1}^{}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j^{sa}=j_{sa}}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - \Bbbk - \boldsymbol{I} - 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^s + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^{0}S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^s+j_{sa}-j_s-2\cdot j_{sa}^{ik}-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^s+j_{sa}-j_s-2\cdot j_{sa}^{ik}-s-1\right)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge\boldsymbol{I}=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$$

$$l=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$$

$$l=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$$

$$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$$

$$^0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i+j_{sa}-s-\Bbbk-I-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-I)!\cdot\left(\boldsymbol{n}+j_{sa}-s-j_{sa}^{ik}-1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j^{sa}-1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$$

$$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa}-1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^{0}S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \cdot \frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$D = \boldsymbol{n} < n$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{\left(n_i + j_{sa} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^{ik} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{sa} - s - j_{sa}^{ik} - 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{\left(j_{ik} = j_{sa}^{ik}\right)}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s = 1} \sum_{\left(j_{ik} = j_{sa}^{ik}\right)}^{(\ )} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i + j_{sa}^{ik} - j_{sa} - s - \Bbbk - \boldsymbol{I} + 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{sa}^{ik} - j_{sa} - s + 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa} = \boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa} = \boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik} = j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa} = j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa} = \boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{\left(n_i + j_{sa}^{ik} - j_{sa} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{sa}^{ik} - j_{sa} - s + 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$D = \boldsymbol{n} < n$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i + j_s - s - \Bbbk - \boldsymbol{I} - j_{sa}^s)!}{(n_i + j_s - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$D = \boldsymbol{n} < n$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j^{ik}_{sa}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\quad)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_i + j_s - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j^s_{sa})!}{(n_i + j_s - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j^s_{sa})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge s = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j^{ik}_{sa})}^{(\quad)} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s = 1} \sum_{(j_{ik} = j^{ik}_{sa})}^{(\quad)} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}^{}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}^{}\sum_{j_{ik}=j_{sa}^{ik}}^{}\sum_{(j^{sa}=j_{ik}+1)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}^{}$$

$$\frac{(n_i+j_s-s-\Bbbk-I-j_{sa}^s)!}{(n_i+j_s-\boldsymbol{n}-\Bbbk-I-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=I\wedge\boldsymbol{s}=s+I\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+I\wedge s>1\wedge\Bbbk>0\wedge I>1\wedge\boldsymbol{s}=s+\Bbbk+I\wedge$

$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\Bbbk+I\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge I>1\wedge$

$\boldsymbol{s}=s+\Bbbk+I\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$D = \boldsymbol{n} < n$$

$$^{0}S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i + j_s - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)!}{(n_i + j_s - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_{ik} + j_{ik} - j_s - s - \Bbbk_2 - \boldsymbol{I})!}{(n_{ik} + j_{ik} - \boldsymbol{n} - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_{ik} + j_{ik} + \Bbbk_1 - j_s - s - \Bbbk - \boldsymbol{I})!}{(n_{ik} + j_{ik} + \Bbbk_1 - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\Bbbk_2-I-j_{sa}^s\right)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk_2-I-j_{sa}^s)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\qquad D = \boldsymbol{n} < n$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + \Bbbk_1 - s - \Bbbk - \boldsymbol{I} - j_{sa}^s)!}{(n_{ik} + j_{ik} + \Bbbk_1 - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} + j_{sa}^{ik} - s - j_{ik})!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{S} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{S} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{S} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j^{sa}=j_{sa})}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}^{}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - 2 \cdot \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} + 2)!}{(2 \cdot n_i - n_{ik} - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1}^{(\;)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1}^{(\;)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$D = \boldsymbol{n} < n$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!}\Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2 \cdot n_i + \Bbbk_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} + 2)!}{(2 \cdot n_i + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_{ik} + j^{sa} - j_s - s - \Bbbk_2 - \boldsymbol{I} - 1)!}{(n_{ik} + j^{sa} - \boldsymbol{n} - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^{0}S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_{ik}+j^{sa}+\Bbbk_1-j_s-s-\Bbbk-\boldsymbol{I}-1)!}{(n_{ik}+j^{sa}+\Bbbk_1-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s-1)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$$

$$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$$

$${}^0S^{\text{İSO}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$D = \boldsymbol{n} < n$$

$$
(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -
$$

$$
(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(n_{ik} + j_{sa}^{ik} - s - \Bbbk_2 - \boldsymbol{I} - j_{sa}^{s})!}{(n_{ik} + j^{sa} - \boldsymbol{n} - \Bbbk_2 - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} + j_{sa}^{ik} - s - j^{sa} + 1)!}
$$

$$
D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee
$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0 S^{\dot{\imath}SO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$D = \boldsymbol{n} < n$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + \Bbbk_1 - s - \Bbbk - \boldsymbol{I} - j_{sa}^s)!}{(n_{ik} + j^{sa} + \Bbbk_1 - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} + j_{sa}^{ik} - s - j^{sa} + 1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j^{sa}-s-2\cdot\Bbbk_1-\Bbbk_2-\boldsymbol{I}+3)!}{(2\cdot n_i-n_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}+3)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2 \cdot n_i + \Bbbk_2 - n_{ik} - j_s - j^{sa} - s - 2 \cdot \Bbbk - \boldsymbol{I} + 3)!}{(2 \cdot n_i + \Bbbk_2 - n_{ik} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 3)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^{0}S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;\;)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_{sa}+j^{sa}-j_s-s-I)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-I-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$\Bbbk_z : z = 1 \land \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$\qquad D = \boldsymbol{n} < n$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{()}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_{sa}+j_{sa}-s-\boldsymbol{I}-j_{sa}^s)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}+j_{sa}-s-j^{sa})!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0 S^{iso} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{()}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$\qquad D = \boldsymbol{n} < n$

$$\frac{(2 \cdot n_i - n_{sa} - j_s - j^{sa} - s - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - I + 2)!}{(2 \cdot n_i - n_{sa} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - I - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg) -$$

$$(D-s)!\cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_i-n_{sa}-j_s-j^{sa}-s-2\cdot\Bbbk-\boldsymbol{I}+2)!}{(2\cdot n_i-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^s+2)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^{0}S^{\text{İSO}} = (D-s)!\cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1}^{(\ )} \sum_{(j_{ik} = j_{sa}^{ik})}^{} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + I - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s = 1}^{} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + I - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - j_{ik} - j^{sa} - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} + 3)!}{(3 \cdot n_i - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 3)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - j_{ik} - j^{sa} - s - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} + 3)!}{(3 \cdot n_i - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} - j_{sa}^s + 3)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{(j_{ik}=j_{sa}^{ik}+1)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$D = \boldsymbol{n} < n$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(2 \cdot n_i + j_s - n_{sa} - j^{sa} - s - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I})!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_i+j_s-n_{sa}-j^{sa}-s-2\cdot\Bbbk-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\qquad D = \boldsymbol{n} < n$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{( )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I})!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \land \Bbbk = 0 \land \boldsymbol{I} = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \lor$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$$

$$\Bbbk_z : z = 1 \land \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^{0}S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{( )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$D = \boldsymbol{n} < n$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - s - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I})!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_{ik}+2 \cdot j_{ik}-n_{sa}-j_s-j^{sa}-s-2 \cdot \mathbb{k}_2-\boldsymbol{I})!}{(2 \cdot n_{ik}+2 \cdot j_{ik}-n_{sa}-j^{sa}-\boldsymbol{n}-2 \cdot \mathbb{k}_2-\boldsymbol{I}-j_{sa}^s)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \mathbb{k} + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$\boldsymbol{I} = \mathbb{k} + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1}^{} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + I - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + I - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_{ik} + 2\cdot j_{ik} + 2\cdot \Bbbk_1 - n_{sa} - j_s - j^{sa} - s - 2\cdot \Bbbk - I)!}{(2\cdot n_{ik} + 2\cdot j_{ik} + 2\cdot \Bbbk_1 - n_{sa} - j^{sa} - \boldsymbol{n} - 2\cdot \Bbbk - I - j_{sa}^s)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \Bbbk_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i + n_{ik} + j_{ik} - n_{sa} - j^{sa} - s - 2 \cdot \Bbbk_2 - \Bbbk_1 - \boldsymbol{I})!}{(n_i + n_{ik} + j_s + j_{ik} - n_{sa} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk_2 - \Bbbk_1 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i + n_{ik} + j_{ik} + \Bbbk_1 - n_{sa} - j^{sa} - s - 2 \cdot \Bbbk - \boldsymbol{I})!}{(n_i + n_{ik} + j_s + j_{ik} + \Bbbk_1 - n_{sa} - j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge s = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$D = \boldsymbol{n} < n$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j^{sa}=j_{ik}+1)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}^{}$$

$$\frac{(n_{sa} + j_{ik} - j_s - s - I + 1)!}{(n_{sa} + j_{ik} - \boldsymbol{n} - I - j_{sa}^{s} + 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\,)} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\,)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -
$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_{sa}+j_{sa}-s-\boldsymbol{I}-j_{sa}^s)!}{(n_{sa}+j_{ik}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^s+1)! \cdot (\boldsymbol{n}+j_{sa}-s-j_{ik}-1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Big) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2 \cdot n_i - n_{sa} - j_s - j_{ik} - s - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} + 1)!}{(2 \cdot n_i - n_{sa} - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^{0}S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2 \cdot n_i - n_{sa} - j_s - j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} + 1)!}{(2 \cdot n_i - n_{sa} - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j^{sa} = j_{sa}}^{()}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{()} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Big) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-2\cdot j^{sa}-s-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}+4)!}{(3\cdot n_i-n_{ik}-n_{sa}-2\cdot j^{sa}-\boldsymbol{n}-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^s+4)!\cdot(\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa}-1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa}-1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa}-1 \Rightarrow$$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)!\cdot(s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j_{ik} - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} + 2)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$D = \boldsymbol{n} < n$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^{0}S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j^{sa} - s - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} + 4)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} - j_{sa}^s + 4)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$\qquad D = \boldsymbol{n} < n$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_{sa}-j_s-2\cdot j_{ik}-s-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I}+2)!}{(3\cdot n_i-n_{ik}-n_{sa}-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I}-j_{sa}^s+2)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}^{0}S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -
$$

$D = \boldsymbol{n} < n$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2 \cdot n_i + j_s - n_{sa} - j_{ik} - s - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}+j_{sa}-s}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;\;)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2\cdot n_i+j_s-n_{sa}-j_{ik}-s-2\cdot\Bbbk-\boldsymbol{I}-1)!}{(2\cdot\boldsymbol{n}_i+2\cdot j_s-n_{sa}-j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^s-1)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j^{sa}-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$$

$$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$$

$$^{0}S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;\;)}\sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^{0}S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}^{()}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!}\Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;\;)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - s - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I})! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1}^{(\,)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1}^{(\,)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s = 1}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)} \sum_{j^{sa} = j_{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Big) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge s = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{sa}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$D = \boldsymbol{n} < n$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} - n_{sa} - j_s - s - 2 \cdot \Bbbk_2 - \boldsymbol{I} - 1)!}{(2 \cdot n_{ik} + j_{ik} - n_{sa} - \boldsymbol{n} - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_{sa})!}{(\boldsymbol{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \Bbbk_1 - n_{sa} - j_s - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \Bbbk_1 - n_{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \Big) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i + n_{ik} - n_{sa} - s - 2 \cdot \Bbbk_2 - \Bbbk_1 - \boldsymbol{I} - 1)!}{(n_i + n_{ik} + j_s - n_{sa} - \boldsymbol{n} - 2 \cdot \Bbbk_2 - \Bbbk_1 - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_{sa}=\boldsymbol{n}+\boldsymbol{I}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(\boldsymbol{n} - j_{sa})!}{(\boldsymbol{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\;)} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + 1}^{\boldsymbol{n} + j_{sa} - s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_{sa} = \boldsymbol{n} + \boldsymbol{I} - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\;)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}$$

$$\frac{(n_i + n_{ik} + \Bbbk_1 - n_{sa} - s - 2 \cdot \Bbbk - I - 1)!}{(n_i + n_{ik} + j_s + \Bbbk_1 - n_{sa} - \boldsymbol{n} - 2 \cdot \Bbbk - I - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\left(\frac{(n_i - s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}\right)_{j_i}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(n_i + j_s - j_i - \Bbbk - \boldsymbol{I} - j_{sa}^s)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s - j_i - j_{sa}^s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$${}^0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - \Bbbk - \boldsymbol{I} - 2 \cdot j_{sa}^s\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0 S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$^0 S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\Bbbk+\mathbf{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - \Bbbk - \mathbf{I}\right)!}{(n_i - \mathbf{n} - \Bbbk - \mathbf{I})! \cdot \left(\mathbf{n} + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s\right)!}$$

$$D = \mathbf{n} < n \wedge \Bbbk = 0 \wedge I = \mathbf{I} \wedge \mathbf{s} = s + \mathbf{I} \vee$$

$$I = \Bbbk + \mathbf{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \mathbf{I} > 1 \wedge \mathbf{s} = s + \Bbbk + \mathbf{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\text{ISO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\mathbf{n}+\Bbbk+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\Bbbk+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}}$$

$$\sum_{(n_i=\mathbf{n}+\Bbbk+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\Bbbk+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \Bbbk - I - j_{sa}^s\right)!}{(n_i - \boldsymbol{n} - \Bbbk - I)! \cdot \left(\boldsymbol{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \Rightarrow$$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\,)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \Bbbk - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - \Bbbk - I)!}{(n_i - \boldsymbol{n} - \Bbbk - I)! \cdot (\boldsymbol{n} + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \Rightarrow$$

$${}^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i+j_{ik}-j_i-\Bbbk-\boldsymbol{I}-j_{sa}^{ik})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik})!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$${}^0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i+j_i+j_{sa}^{ik}-j_{ik}-2 \cdot s-\Bbbk-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot \left(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2 \cdot s\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j_i=j_{ik}+1)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}^{}$$

$$\left(\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}-s)!} \right)_{j_i}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge s = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i - j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \cdot$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i+j_s-j_{ik}-\Bbbk-\boldsymbol{I}-j_{sa}^s-1)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s-j_{ik}-j_{sa}^s-1)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$$

$${}^0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-2\cdot j_i-\Bbbk-\boldsymbol{I}-2\cdot j_{sa}^s+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-2\cdot j_i-2\cdot j_{sa}^s+1\right)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge\boldsymbol{s}>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$$

$$^0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\;)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - \Bbbk - \boldsymbol{I} + 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^{0}S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i = j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s = n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i + j_i + j_{sa}^{s} + j_{sa}^{ik} - j_s - 3 \cdot s - \Bbbk - \boldsymbol{I} + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^{s} + j_{sa}^{ik} - j_s - 3 \cdot s + 1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^{0}S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i = j_{ik}+1}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i = j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \Bbbk - \boldsymbol{I} - j_{sa}^s\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge s = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

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$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

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$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

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$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

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$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$D = \boldsymbol{n} < n$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{\left(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - \Bbbk - \boldsymbol{I} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk}$$

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$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \Bbbk - \boldsymbol{I} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

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$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s-1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s-1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i - \Bbbk - \boldsymbol{I} - j_{sa}^{ik} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} - j_{sa}^{ik} - 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^{0}S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\;)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{\left(n_i + j_{sa}^{ik} - 2 \cdot s - \Bbbk - \boldsymbol{I} + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{sa}^{ik} - 2 \cdot s + 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i+j_s-s-\Bbbk-\boldsymbol{I}-j_{sa}^s)!}{(n_i+j_s-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

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$$^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i+j_s-s-\Bbbk-I-j_{sa}^s)!}{(n_i+j_s-\boldsymbol{n}-\Bbbk-I-j_{sa}^s)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \Rightarrow$

$$^0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\Bbbk-\boldsymbol{I})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$D = \boldsymbol{n} < n$$

$$^{0}S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_{ik}+j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s})! \cdot (\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik})!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^{0}S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - \Bbbk - I + 2)!}{(2 \cdot n_i - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - I - j_{sa}^{s} + 2)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \vee$$

$$D = \boldsymbol{n} < n$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^{0}S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2 \cdot n_i+j_s-n_{ik}-j_{ik}-s-\Bbbk-\boldsymbol{I})!}{(2 \cdot n_i+2 \cdot j_s-n_{ik}-j_{ik}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s)! \cdot (\boldsymbol{n}+j_{sa}^s-s-j_s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_{ik} + j_i - j_s - s - \Bbbk - I - 1)!}{(n_{ik} + j_i - \boldsymbol{n} - \Bbbk - I - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$D = \boldsymbol{n} < n$$

$$^0S^{\text{ISO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\Bbbk-I-j_{sa}^s\right)!}{(n_{ik}+j_i-\boldsymbol{n}-\Bbbk-I-j_{sa}^s-1)! \cdot \left(\boldsymbol{n}+j_{sa}^{ik}-s-j_i+1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s+I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\text{ISO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2\cdot n_i-n_{ik}-j_s-j_i-s-\Bbbk-\boldsymbol{I}+3)!}{(2\cdot n_i-n_{ik}-j_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s+3)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$$

$$^0S^{\text{İSO}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2 \cdot n_i + j_s - n_{ik} - j_i - s - \Bbbk - \boldsymbol{I} + 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

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$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk}$$

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$$\frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot \Bbbk - \boldsymbol{I})!}{(n_i + n_{ik} + j_s + j_{ik} - n_s - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^{s})! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s-1)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+2}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_s + j_{ik} - j_s - s - I + 1)!}{(n_s + j_{ik} - \boldsymbol{n} - I - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0 S^{\mathrm{iSO}} = (D - s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_s-\boldsymbol{I}-j_{sa}^s)!}{(n_s+j_{ik}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^s+1)! \cdot (\boldsymbol{n}-j_{ik}-1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2 \cdot n_i-n_s-j_s-j_{ik}-s-2 \cdot \Bbbk-\boldsymbol{I}+1)!}{(2 \cdot n_i-n_s-j_{ik}-\boldsymbol{n}-2 \cdot \Bbbk-\boldsymbol{I}-j_{sa}^s+1)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s+\boldsymbol{I} \wedge j_{ik} = j_i-1 \vee$$

$$I = \Bbbk+\boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s+\Bbbk+\boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i-1 \Rightarrow$$

$${}^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot \Bbbk - \boldsymbol{I} + 4)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 4)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot \Bbbk - I + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - I - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} - \Bbbk - 1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\mathrm{ISO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot \Bbbk - \boldsymbol{I} + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}^{(\boldsymbol{n}-1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n}-1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n}-1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(2 \cdot n_{ik} + j_{ik} - n_s - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i + n_{ik} - n_s - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(n_i + n_{ik} + j_s - n_s - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$^{0}S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\left(\frac{(n_i - s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!} \right)_{j_i}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i - s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$${}^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \Bigg) +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i+j_s-j_i-\Bbbk-\boldsymbol{I}-j_{sa}^s)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s-j_i-j_{sa}^s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{S}=s+\boldsymbol{I}\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{S}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\Rightarrow$$

$$^0S^{\text{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\Bbbk-\boldsymbol{I}-2\cdot j_{sa}^s)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$${}^{0}S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\,)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(n_i + 2 \cdot j_i + j_{sa}^{s} + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + 2 \cdot j_i + j_{sa}^{s} + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\;\;)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{\left(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \Bbbk - \boldsymbol{I} - j_{sa}^s\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1}^{\left(\boldsymbol{n} + j_{sa}^{ik} - s\right)} \sum_{\left(j_{ik} = j_{sa}^{ik}\right)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1}^{\left(\boldsymbol{n} + j_{sa}^{ik} - s\right)} \sum_{\left(j_{ik} = j_{sa}^{ik}\right)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \Bbbk - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{()} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{n}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j_i=s)}^{}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}^{}$$

$$\frac{(n_i+j_{ik}-j_i-\Bbbk-I-j_{sa}^{ik})!}{(n_i-n-\Bbbk-I)! \cdot (n+j_{ik}-j_i-j_{sa}^{ik})!}$$

$$D = n < n \wedge \Bbbk = 0 \wedge I = I \wedge s = s+I \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - \Bbbk - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\mathsf{ISO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\left(\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$$

$$D = \boldsymbol{n} < n$$

$$^{0}S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$D = \boldsymbol{n} < n$

$$\frac{(n_i + j_s - j_{ik} - \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{\mathrm{ISO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \Bbbk - \boldsymbol{I} - 2 \cdot j_{sa}^s + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - \Bbbk - \boldsymbol{I} + 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{\left(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - \Bbbk - \boldsymbol{I} + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z \colon z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \Bigg) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_i - j_i - \mathbb{k}}$$

$$\frac{\left(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \mathbb{k} - \boldsymbol{I} - j_{sa}^{s} \right)!}{(n_i - \boldsymbol{n} - \mathbb{k} - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^{s} \right)!}$$

$$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \mathbb{k} - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \left. \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{\left(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - \Bbbk - \boldsymbol{I} - 1 \right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1 \right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0 S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \left. \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \Bbbk - \boldsymbol{I} - 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{S} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{S} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{ISO} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i-\Bbbk-\boldsymbol{I}-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot \left(\boldsymbol{n}-j_{sa}^{ik}-1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = \boldsymbol{0} \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s+\boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right) +$$

$$D = \boldsymbol{n} < n$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i + j_{sa}^{ik} - 2 \cdot s - \Bbbk - \boldsymbol{I} + 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{sa}^{ik} - 2 \cdot s + 1)!}$$

$$D = \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$$

$$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 1 \Rightarrow$$

$$^0 S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = I + 1)}^{(\boldsymbol{n} + I - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ \ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(n_i + j_s - s - \Bbbk - I - j_{sa}^s)!}{(n_i + j_s - \boldsymbol{n} - \Bbbk - I - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^{0}S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} - \Bbbk - 1} \sum_{(i = I + 1)}^{(\boldsymbol{n} + I - j_i)}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1}^{} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1}^{} \sum_{j_{ik} = j_{sa}^{ik}}^{} \sum_{(j_i = j_{ik} + 1)}^{}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{()} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}^{}$$

$$\frac{(n_i + j_s - s - \Bbbk - \boldsymbol{I} - j_{sa}^s)!}{(n_i + j_s - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})}^{} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\Bbbk-\boldsymbol{I})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$\quad D = \boldsymbol{n} < n$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$
{}^{0}S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +
$$

$$
(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) -
$$

$$
(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^{s})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s+\boldsymbol{I} \vee$$

$$I = \Bbbk+\boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s+\Bbbk+\boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^{0}S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$(D-s)! \cdot \sum_{j_s=1}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - \Bbbk - \boldsymbol{I} + 2)!}{(2 \cdot n_i - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^{0}S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(2 \cdot n_i + j_s - n_{ik} - j_{ik} - s - \Bbbk - I)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_{ik} - \boldsymbol{n} - \Bbbk - I - j_{sa}^s)! \cdot (\boldsymbol{n} + j_{sa}^s - s - j_s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} - \Bbbk - 1} \sum_{(i = I + 1)}^{(\boldsymbol{n} + I - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_{ik}+j_i-j_s-s-\Bbbk-\boldsymbol{I}-1)!}{(n_{ik}+j_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s-1)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^{n}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\Bbbk-I-j_{sa}^s\right)!}{(n_{ik}+j_i-n-\Bbbk-I-j_{sa}^s-1)! \cdot \left(n+j_{sa}^{ik}-s-j_i+1\right)!}$$

$$D = n < n \wedge \Bbbk = 0 \wedge I = I \wedge s = s+I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s+\Bbbk+I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\mathsf{ISO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left(\frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right.$$

$$D = \boldsymbol{n} < n$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1}^{} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1}^{} \sum_{j_{ik} = j_{sa}^{ik}}^{} \sum_{(j_i = j_{ik} + 1)}^{}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}^{}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_i - s - \Bbbk - \boldsymbol{I} + 3)!}{(2 \cdot n_i - n_{ik} - j_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s + 3)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1}^{} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}^{}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2 \cdot n_i + j_s - n_{ik} - j_i - s - \Bbbk - I + 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_i - \boldsymbol{n} - \Bbbk - I - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(n_s + j_i - j_s - s - \boldsymbol{I})!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$
{}^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(n+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(n+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot
$$

$$
\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}
$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_s - \boldsymbol{I} - j_{sa}^s)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - j_i)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot \Bbbk - \boldsymbol{I} + 2)!}{(2 \cdot n_i - n_s - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik})}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 2 \cdot \Bbbk - \boldsymbol{I} + 3)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 3)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot \Bbbk - \boldsymbol{I})!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$$

$$^0 S^{\dot{\text{I}}SO} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \Bbbk - \boldsymbol{I})!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \Rightarrow$

$$^0 S^{\dot{\mathrm{I}} SO} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{\left(j_{ik}-j_{sa}^{ik}\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_s-j_i-s-2\cdot\Bbbk-\boldsymbol{I})!}{\left(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^s\right)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge\boldsymbol{I}=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\Rightarrow$$

$$D = \boldsymbol{n} < n$$

$$^0S^{\text{ISO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot \Bbbk - I)!}{(n_i + n_{ik} + j_s + j_{ik} - n_s - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - I - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i = j_{ik}+1}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i - j_{ik}+1)} \sum_{n_s = \boldsymbol{n}+I-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i = j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n}+\Bbbk+I-j_{ik}+1)}^{(n_i - j_{ik}+1)} \sum_{n_s = \boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i = j_{ik}+1)}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_s + j_{ik} - j_s - s - \boldsymbol{I} + 1)!}{(n_s + j_{ik} - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_s-\boldsymbol{I}-j_{sa}^s)!}{(n_s+j_{ik}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^s+1)! \cdot (\boldsymbol{n}-j_{ik}-1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$D = \boldsymbol{n} < n$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} + 1)!}{(2 \cdot n_i - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \land j_{ik} = j_i - 1 \lor$$

$$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 1 \land j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i = j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik}+1)}^{(\ )} \sum_{n_s = n_{ik} + j_i - j_i - \Bbbk}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot \Bbbk - I + 4)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 2 \cdot \Bbbk - I - j_{sa}^s + 4)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}^{(\boldsymbol{n}-1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + I - j_{ik}+1)}^{(n_i - j_{ik}+1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} - \Bbbk - 1} \sum_{(i = I+1)}^{(\boldsymbol{n} + I - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + I - j_{ik}+1)}^{(n_i - j_{ik}+1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = I+1)}^{(\boldsymbol{n} + I - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{()} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot \Bbbk - \boldsymbol{I} + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^{n}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot \Bbbk - I - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot \Bbbk - I - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$D = n < n \wedge \Bbbk = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n+\Bbbk+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left(\frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\Bigg) +$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{\dfrac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot (n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(2 \cdot n_{ik} + j_{ik} - n_s - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\boldsymbol{n}-1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk} \sum_{(i = I + 1)}^{(\boldsymbol{n} + I - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\;\;)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk}$$

$$\frac{(n_i + n_{ik} - n_s - s - 2 \cdot \Bbbk - I - 1)!}{(n_i + n_{ik} + j_s - n_s - \boldsymbol{n} - 2 \cdot \Bbbk - I - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\;\;)} \sum_{j_i = s}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ \ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\left(\frac{(n_i - s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!} \right)_{j_i}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0 S^{\mathrm{ISO}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ \ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ \ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j_i=s)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}^{}$$

$$\left(\frac{(n_i-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})! \cdot (\boldsymbol{n}-s)!} \right)_{j_i}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge s = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$
{}^0 S^{\mathrm{ISO}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}
$$

$$
\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{lk} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}
$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik}-1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i - n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i - j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s + j_i - \boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!}\Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{ISO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik} = j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i = j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s = \boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik} = n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_s = n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + j_s - j_i - \Bbbk - I - j_{sa}^s)!}{(n_i - \boldsymbol{n} - \Bbbk - I)! \cdot (\boldsymbol{n} + j_s - j_i - j_{sa}^s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^{0}S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ \ )} \sum_{j_i = s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$D = \boldsymbol{n} < n$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i + j_s - j_i - \Bbbk_1 - \Bbbk_2 - I - j_{sa}^s)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - I)! \cdot (\boldsymbol{n} + j_s - j_i - j_{sa}^s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{n}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}^{(\ )}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\Bbbk-I-2\cdot j_{sa}^{s})!}{(n_i-n-\Bbbk-I)! \cdot (n+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^{s})!}$$

$$D = n < n \wedge \Bbbk = 0 \wedge I = I \wedge s = s+I \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s+\Bbbk+I \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge s = s+\Bbbk+I \wedge$$

$$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )} \sum_{j_i = j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i = j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_s = n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - 2 \cdot j_{sa}^s)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + I \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0S^{\mathrm{iSO}} = (D-s)! \cdot \sum_{j_s=1}^{(\;)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\;)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$D = \boldsymbol{n} < n$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - \Bbbk - I)!}{(n_i - \boldsymbol{n} - \Bbbk - I)! \cdot (\boldsymbol{n} + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_i+j_{sa}^s-j_s-2\cdot s-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_i+j_{sa}^s-j_s-2\cdot s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$D = \boldsymbol{n} < n$$

$$^{0}S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - \Bbbk - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - \Bbbk_1 - \Bbbk_2 - I)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - I)! \cdot (\boldsymbol{n} + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$D = \boldsymbol{n} < n$

$$\frac{\left(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \Bbbk - \boldsymbol{I} - j_{sa}^s\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{n} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s})!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$D = \boldsymbol{n} < n$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s-\Bbbk-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot \left(\boldsymbol{n}+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0S^{\mathrm{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{n} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik}-1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik}-1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

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$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - \Bbbk - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik}\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

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$$^0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$D = \boldsymbol{n} < n$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

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$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\,)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{\left(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik}\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

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$${}^0S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\,)} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\,)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

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$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

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$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \Bigg) -$$

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$$\frac{(n_i+j_{ik}-j_i-\Bbbk-\boldsymbol{I}-j_{sa}^{ik})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik})!}$$

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$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

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$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

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$$\frac{(n_i + j_{ik} - j_i - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^{ik})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} - j_i - j_{sa}^{ik})!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^{0}S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{n} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{lk}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\Bbbk-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s\right)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$$

$$^0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$D = \boldsymbol{n} < n$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{(j_{ik}=j_{sa}^{ik}+1)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\left(\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}-s)!} \right)_{j_i}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{n} \sum_{j_i=j_{ik}+1}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\left.\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\left(\frac{(n_i-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge\boldsymbol{I}=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$\boldsymbol{I}=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$\boldsymbol{I}=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$$^0S^{\mathrm{iSO}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ \ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + j_s - j_{ik} - \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = I \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\;)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = s)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\;)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i + j_s - j_{ik} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s - 1)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

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$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{} \sum_{j_i=s}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s-1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s-1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$\qquad D = \boldsymbol{n} < n$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \Bbbk - \boldsymbol{I} - 2 \cdot j_{sa}^s + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

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$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - 2 \cdot j_{sa}^s + 1)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

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$$^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = s)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

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$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - \Bbbk - I + 1)!}{(n_i - \boldsymbol{n} - \Bbbk - I)! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

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$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} + 1)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)}\sum_{(j_{ik}=s)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3\cdot s-\Bbbk-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3\cdot s+1\right)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge\boldsymbol{I}=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$$\boldsymbol{I}=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$$

$$\boldsymbol{I}=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$$

$$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$$

$$^0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3\cdot s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})!\cdot\left(\boldsymbol{n} + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3\cdot s + 1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{ISO} = (D-s)!\cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)!\cdot(n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_i-s-\Bbbk-\boldsymbol{I}-j_{sa}^s+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^s+1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0 S^{iso} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_i-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^{s}+1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\qquad D = \boldsymbol{n} < n$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - \Bbbk - \boldsymbol{I} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\mathrm{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$D = \boldsymbol{n} < n$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!}\Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^s-j_s-j_{sa}^{ik}-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})! \cdot \left(\boldsymbol{n}+j_i+j_{sa}^s-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\;)} \sum_{(j_{ik}=s-1)}^{n} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

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$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^s-j_s-2 \cdot j_{sa}^{ik}-\Bbbk-\boldsymbol{I}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot \left(\boldsymbol{n}+j_{ik}+j_{sa}^s-j_s-2 \cdot j_{sa}^{ik}-1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$\mathbb{k}_z : z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \land j_{ik} = j_i - 1 \lor$

$I = \mathbb{k} + \boldsymbol{I} \land s > 1 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{I} > 1 \land$

$\boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \land \mathbb{k}_z : z = 1 \land \mathbb{k} = \mathbb{k}_2 \land j_{ik} = j_i - 1 \Rightarrow$

$$
{}^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}^{(\ )}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D - s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
$$

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$$

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$$

$$
\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
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\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
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$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

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$${}^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

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$$D = \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

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$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

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$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i - \Bbbk - \boldsymbol{I} - j_{sa}^{ik} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} - j_{sa}^{ik} - 1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

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$$^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\;)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = s)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

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$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\;)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{\left(n_i - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^{ik} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} - j_{sa}^{ik} - 1\right)!}$$

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$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

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$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

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$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

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$$\frac{\big(n_i + j_{sa}^{ik} - 2 \cdot s - \Bbbk - \boldsymbol{I} + 1\big)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \big(\boldsymbol{n} + j_{sa}^{ik} - 2 \cdot s + 1\big)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$D = \boldsymbol{n} < n$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + j_{sa}^{ik} - 2 \cdot s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{sa}^{ik} - 2 \cdot s + 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$D = \boldsymbol{n} < n$

$$\frac{(n_i + j_s - s - \Bbbk - \boldsymbol{I} - j_{sa}^s)!}{(n_i + j_s - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^{0}S^{iso} = (D - s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^s)!}{(n_i+j_s-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$$

$$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$$

$${}^0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = s)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i + j_s - s - \Bbbk - \boldsymbol{I} - j_{sa}^s)!}{(n_i + j_s - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^{0}S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + j_s - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)!}{(n_i + j_s - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}^{(\ )}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\Bbbk_2-\boldsymbol{I})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk_2-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge\boldsymbol{I}=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$l=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$l=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$$^0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}\sum_{j_i=s}^{(\ )}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik} + j_{ik} + \Bbbk_1 - j_s - s - \Bbbk - \boldsymbol{I})!}{(n_{ik} + j_{ik} + \Bbbk_1 - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0 S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{n} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik}-1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)!}{(n_{ik} + j_{ik} - \boldsymbol{n} - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} + j_{sa}^{ik} - s - j_{ik})!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}+\Bbbk_1-s-\Bbbk-\boldsymbol{I}-j_{sa}^s\right)!}{(n_{ik}+j_{ik}+\Bbbk_1-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$$D = \boldsymbol{n} < n$$

$$^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_i - n_{ik} - j_s - j_{ik} - s - 2\cdot\Bbbk_1 - \Bbbk_2 - \boldsymbol{I} + 2)!}{(2\cdot n_i - n_{ik} - j_{ik} - \boldsymbol{n} - 2\cdot\Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \land \Bbbk = 0 \land I = \boldsymbol{I} \land \boldsymbol{s} = s + \boldsymbol{I} \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk > 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land \Bbbk_z : z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \lor$

$I = \Bbbk + \boldsymbol{I} \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land \boldsymbol{I} > 1 \land \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \land$

$\Bbbk_z : z = 1 \land \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \Big) -$$

$$(D-s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j_i=s)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}^{}$$

$$\frac{(2 \cdot n_i + \Bbbk_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot \Bbbk - I + 2)!}{(2 \cdot n_i + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - I - j_{sa}^s + 2)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=s}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j_i=j_{ik}+1)}^{(\ )}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}^{(\ )}$$

$$\frac{(n_{ik}+j_i-j_s-s-\Bbbk_2-\boldsymbol{I}-1)!}{(n_{ik}+j_i-\boldsymbol{n}-\Bbbk_2-\boldsymbol{I}-j_{sa}^s-1)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$D = \boldsymbol{n} < n$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^{0}S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik} + j_i + \Bbbk_1 - j_s - s - \Bbbk - \boldsymbol{I} - 1)!}{(n_{ik} + j_i + \Bbbk_1 - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

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$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s = 1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik} = s)}^{\boldsymbol{n}} \sum_{j_i = j_{ik}+1}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)!}{(n_{ik} + j_i - \boldsymbol{n} - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} + j_{sa}^{ik} - s - j_i + 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_{ik} + j_{sa}^{ik} + \Bbbk_1 - s - \Bbbk - \boldsymbol{I} - j_{sa}^{s}\right)!}{(n_{ik} + j_i + \Bbbk_1 - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot \left(\boldsymbol{n} + j_{sa}^{ik} - s - j_i + 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1}
$$

$$
\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D - s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

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$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_i - s - 2 \cdot \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} + 3)!}{(2 \cdot n_i - n_{ik} - j_i - \boldsymbol{n} - 2 \cdot \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 3)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

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$$^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i + \Bbbk_2 - n_{ik} - j_s - j_i - s - 2 \cdot \Bbbk - \boldsymbol{I} + 3)!}{(2 \cdot n_i + \Bbbk_2 - n_{ik} - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 3)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j_i=s)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}^{}$$

$$\frac{(n_s + j_i - j_s - s - I)!}{(n_s + j_i - \boldsymbol{n} - I - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge s = s + I \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{n} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!}\Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_s-\boldsymbol{I}-j_{sa}^{s})!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^{s})! \cdot (\boldsymbol{n}-j_i)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^{0}S^{\dot{\mathrm{I}}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\;)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i-n_s-j_s-j_i-s-2 \cdot \Bbbk_1-2 \cdot \Bbbk_2-I+2)!}{(2 \cdot n_i-n_s-j_i-\boldsymbol{n}-2 \cdot \Bbbk_1-2 \cdot \Bbbk_2-I-j_{sa}^s+2)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{} \sum_{j_i=s}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{n} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot \Bbbk - \boldsymbol{I} + 2)!}{(2 \cdot n_i - n_s - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^{s} + 2)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^{0}S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j_i=s)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}^{}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} + 3)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 3)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$\boldsymbol{l} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$\boldsymbol{l} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0 S^{\dot{\text{I}}SO} = (D - s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}^{}$$

$D = \boldsymbol{n} < n$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3\cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 2\cdot\Bbbk - \Bbbk_1 - \boldsymbol{I} + 3)!}{(3\cdot n_i - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 2\cdot\Bbbk - \Bbbk_1 - \boldsymbol{I} - j_{sa}^s + 3)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{\text{İSO}} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)!\cdot(n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!}\cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)!\cdot(n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!}\cdot\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)!\cdot(\boldsymbol{n} - j_i)!} +$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)!\cdot(n_i - n_{ik} - j_{ik} + 1)!}\cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)!\cdot(n_{ik} + j_{ik} - n_s - j_i)!}\cdot\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)!\cdot(\boldsymbol{n} - j_i)!} +$$

$D = \boldsymbol{n} < n$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - I)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - \boldsymbol{n} - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - I - j_{sa}^s)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot \Bbbk - \boldsymbol{I})!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge \boldsymbol{s} > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$
{}^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}
$$

$$
\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{lk} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
\sum_{j_s = 1}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}
$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-s-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I})!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$$

$$^0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$\qquad D = \boldsymbol{n} < n$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \; \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \; \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \; \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \; \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \; \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \; \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \; \sum_{j_{ik}=j_{sa}^{ik}} \; \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \; \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \; \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-s-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I})!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$
{}^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_s-j_i-s-2\cdot\Bbbk_2-\boldsymbol{I})!}{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Big)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}+2\cdot \Bbbk_1-n_s-j_s-j_i-s-2\cdot\Bbbk-\boldsymbol{I})!}{(2\cdot n_{ik}+2\cdot j_{ik}+2\cdot \Bbbk_1-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n \wedge \Bbbk=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \vee$$

$$I=\Bbbk+\boldsymbol{I} \wedge s>1 \wedge \Bbbk>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\Bbbk+\boldsymbol{I} \wedge \Bbbk_z:z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2 \vee$$

$$I=\Bbbk+\boldsymbol{I} \wedge s>1 \wedge \Bbbk_2>0 \wedge \Bbbk_1=0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\Bbbk+\boldsymbol{I} \wedge$$

$$\Bbbk_z:z=1 \wedge \Bbbk=\Bbbk_2 \Rightarrow$$

$${}^0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot$$

$D = \boldsymbol{n} < n$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot \Bbbk_2 - \Bbbk_1 - \boldsymbol{I})!}{(n_i + n_{ik} + j_s + j_{ik} - n_s - j_i - \boldsymbol{n} - 2 \cdot \Bbbk_2 - \Bbbk_1 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{lk}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$D = \boldsymbol{n} < n$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + n_{ik} + j_{ik} + \Bbbk_1 - n_s - j_i - s - 2 \cdot \Bbbk - \boldsymbol{I})!}{(n_i + n_{ik} + j_s + j_{ik} + \Bbbk_1 - n_s - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)}\sum_{(j_{ik}=s)}^{\boldsymbol{n}}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_s+j_{ik}-j_s-s-\boldsymbol{I}+1)!}{(n_s+j_{ik}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^s+1)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge l=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$$l=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$$

$$l=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$$

$$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$$

$$D = \boldsymbol{n} < n$$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{s\acute{a}}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_s-\boldsymbol{I}-j_{sa}^s)!}{(n_s+j_{ik}-\boldsymbol{n}-\boldsymbol{I}-j_{sa}^s+1)!\cdot(\boldsymbol{n}-j_{ik}-1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s+\boldsymbol{I} \wedge j_{ik} = j_i-1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s+\Bbbk+\boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1+\Bbbk_2 \wedge j_{ik} = j_i-1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s+\Bbbk+\boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i-1 \Rightarrow$

$$^0S^{iso} = (D-s)!\cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!}\Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_i-n_s-j_s-j_{ik}-s-2\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}+1)!}{(2\cdot n_i-n_s-j_{ik}-\boldsymbol{n}-2\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^s+1)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s+\boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s+\Bbbk+\boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s+\Bbbk+\boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S^{ISO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!}\right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i-n_s-j_s-j_{ik}-s-2 \cdot \Bbbk-\boldsymbol{I}+1)!}{(2 \cdot n_i-n_s-j_{ik}-\boldsymbol{n}-2 \cdot \Bbbk-\boldsymbol{I}-j_{sa}^s+1)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$D = \boldsymbol{n} < n$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}
$$

$$
\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -
$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} + 4)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 4)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s-1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s-1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$D = \boldsymbol{n} < n$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Big) -$$

$$(D-s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j_i=j_{ik}+1)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}^{}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

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$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

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$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\mathsf{iso}} = (D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} + 4)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} - j_{sa}^s + 4)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

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$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s-1)}^{(\ )} \sum_{j_i = s}
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1}
$$

$$
\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s-1)}^{(\ )} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
\sum_{j_s = 1} \sum_{(j_{ik} = s)}^{(\boldsymbol{n}-1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot \Bbbk - \Bbbk_1 - I + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - I - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \land \Bbbk = 0 \land I = I \land \boldsymbol{s} = s + I \land j_{ik} = j_i - 1 \lor$$

$$I = \Bbbk + I \land s > 1 \land \Bbbk > 0 \land I > 1 \land \boldsymbol{s} = s + \Bbbk + I \land$$

$$\Bbbk_z : z = 2 \land \Bbbk = \Bbbk_1 + \Bbbk_2 \land j_{ik} = j_i - 1 \lor$$

$$I = \Bbbk + I \land s > 1 \land \Bbbk_2 > 0 \land \Bbbk_1 = 0 \land I > 1 \land$$

$$\boldsymbol{s} = s + \Bbbk + I \land \Bbbk_z : z = 1 \land \Bbbk = \Bbbk_2 \land j_{ik} = j_i - 1 \Rightarrow$$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$D = \boldsymbol{n} < n$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s = 1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i = j_{ik}+1}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1}^{} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j_i=j_{ik}+1)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}^{}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

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$$
{}^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = s}
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1}
$$

$$
\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
$$

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\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \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)!} +
$$

$$
\sum_{j_s = 1} \sum_{(j_{ik} = s)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i = j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - I + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - I)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$$

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$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

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$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

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$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\mathrm{ISO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\left.\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$D = \boldsymbol{n} < n$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-s-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I}-1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I}-j_{sa}^s-1)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$$

$$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$$

$$^0S^{\mathrm{İSO}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ \ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s)!\cdot\Bigg(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ \ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot \Bbbk_2 - I - 1)!}{(2 \cdot n_{ik} + j_{ik} - n_s - \boldsymbol{n} - 2 \cdot \Bbbk_2 - I - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$
{}^{0}S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$
(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{s\dot{a}}^{\dot{ik}}} \sum_{(j_i=j_{ik}+1)}
$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \Bbbk_1 - n_s - j_s - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \Bbbk_1 - n_s - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = s)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \;\; \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \;\; \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot
$$

$$
\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-
$$

$$
(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}^{(\;)}\sum_{(j_i=j_{ik}+1)}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\;\;\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)}\;\;\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}
$$

$$
\frac{(n_i+n_{ik}-n_s-s-2\cdot\Bbbk_2-\Bbbk_1-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s-n_s-\boldsymbol{n}-2\cdot\Bbbk_2-\Bbbk_1-\boldsymbol{I}-j_{sa}^s-1)!\cdot(\boldsymbol{n}-s)!}
$$

$D=\boldsymbol{n}<n \wedge \Bbbk=0 \wedge I=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \wedge j_{ik}=j_i-1 \vee$

$I=\Bbbk+\boldsymbol{I} \wedge s>1 \wedge \Bbbk>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\Bbbk+\boldsymbol{I} \wedge$

$\Bbbk_z:z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2 \wedge j_{ik}=j_i-1 \vee$

$I=\Bbbk+\boldsymbol{I} \wedge s>1 \wedge \Bbbk_2>0 \wedge \Bbbk_1=0 \wedge \boldsymbol{I}>1 \wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I} \wedge \Bbbk_z:z=1 \wedge \Bbbk=\Bbbk_2 \wedge j_{ik}=j_i-1 \Rightarrow$

$$
{}^0S^{\text{İSO}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\;)}\sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\;\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\;\;\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}
$$

$$
\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\;)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.
$$

$D = \boldsymbol{n} < n$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+n_{ik}+\Bbbk_1-n_s-s-2 \cdot \Bbbk-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s+\Bbbk_1-n_s-\boldsymbol{n}-2 \cdot \Bbbk-\boldsymbol{I}-j_{sa}^s-1)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{\mathrm{iSO}} = (D-s)! \cdot \sum_{j_s=1}^{(\;)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{n} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\left(\frac{(n_i - s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!} \right)_{j_i}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{ISO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\,\,)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\left(\frac{(n_i-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0 S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n \wedge \Bbbk=0 \wedge \boldsymbol{I}=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \vee$

$\boldsymbol{I}=\Bbbk+\boldsymbol{I} \wedge s>1 \wedge \Bbbk>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\Bbbk+\boldsymbol{I} \wedge \Bbbk_z:z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2 \vee$

$\boldsymbol{I}=\Bbbk+\boldsymbol{I} \wedge s>1 \wedge \Bbbk_2>0 \wedge \Bbbk_1=0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\Bbbk+\boldsymbol{I} \wedge$

$\Bbbk_z:z=1 \wedge \Bbbk=\Bbbk_2 \Rightarrow$

$${}^0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$D = \boldsymbol{n} < n$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + j_s - j_i - \Bbbk - \boldsymbol{I} - j_{sa}^s)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s - j_i - j_{sa}^s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2}$$

$$\frac{(n_i + j_s - j_i - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I} - j_{sa}^s)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s - j_i - j_{sa}^s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \mathbb{k} + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k}_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\Bbbk-\boldsymbol{I}-2\cdot j_{sa}^s)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$
{}^0 S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-2\cdot j_{sa}^s)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$$

$${}^0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$D = \boldsymbol{n} < n$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ \ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0 S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1}^{s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1}^{s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$D = \boldsymbol{n} < n$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$D = \boldsymbol{n} < n$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+2\cdot j_i+j_{sa}^s+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_i+j_{sa}^s+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

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$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$
{}^0 S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s = 1}^{(\ )} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j_i = s}
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}
$$

$$
\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +
$$

$$
(D - s)! \cdot \left(\sum_{j_s = 1}^{(\ )} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +
$$

$$
\sum_{j_s = 1}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)! \cdot \sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\Bbbk-\boldsymbol{I}-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0S^{\mathrm{iSO}} = (D-s)! \cdot \sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}\right)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$D = \boldsymbol{n} < n$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{\left(j_{ik} = j_{sa}^{ik}\right)}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\sum_{j_s = 1} \sum_{\left(j_{ik} = j_{sa}^{ik} + 1\right)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j_i=s)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}^{}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \Bbbk - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} \right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+2\cdot j_{ik}+j_{sa}^s-j_s-j_i-2\cdot j_{sa}^{ik}-\Bbbk-\boldsymbol{I}\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^s-j_s-j_i-2\cdot j_{sa}^{ik}\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$
{}^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}
$$

$$
\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +
$$

$$
(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +
$$

$$
\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\,)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+2\cdot j_{ik}+j_{sa}^s-j_s-j_i-2\cdot j_{sa}^{ik}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^s-j_s-j_i-2\cdot j_{sa}^{ik})!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$$

$${}^0S^{iso}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\,)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$(D-s)! \cdot \Bigg(\sum_{j_s=1} \sum_{\left(j_{ik} = j_{sa}^{ik} \right)}^{(\ \ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik} \right)! \cdot \left(j_{sa}^{ik} - 2 \right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s \right)! \cdot \left(s - j_{sa}^{ik} - 1 \right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \Bigg) +$$

$$\sum_{j_s=1} \sum_{\left(j_{ik} = j_{sa}^{ik} + 1 \right)}^{\left(\boldsymbol{n} + j_{sa}^{ik} - s \right)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik} \right)! \cdot \left(j_{sa}^{ik} - 2 \right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s \right)! \cdot \left(s - j_{sa}^{ik} - 1 \right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \Bigg) \Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + j_{ik} - j_i - \Bbbk - \boldsymbol{I} - j_{sa}^{ik})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} - j_i - j_{sa}^{ik})!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge l = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$\qquad D = \boldsymbol{n} < n$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + j_{ik} - j_i - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^{ik})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} - j_i - j_{sa}^{ik})!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge s = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{\left(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - \Bbbk - \boldsymbol{I}\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{ISO} = (D - s)! \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=s-1)}^{} \sum_{j_i=s}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1}^{} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\left(\frac{(n_i-s-\Bbbk-\boldsymbol{I})!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot (\boldsymbol{n}-s)!} \right)_{j_i}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s+\boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S^{\mathrm{iSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$D = \boldsymbol{n} < n$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\left(\frac{(n_i - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!} \right)_{j_i}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\quad)} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\quad)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$D = \boldsymbol{n} < n$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik}+1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - s - \Bbbk - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$(D-s)!\cdot\left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\,)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \bigg) \bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=s}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \bigg) +$$

$$(D-s)! \cdot \bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + j_s - j_{ik} - \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$D = \boldsymbol{n} < n$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = s)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) \Big) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ \ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i + j_s - j_{ik} - \Bbbk_1 - \Bbbk_2 - I - j_{sa}^s - 1)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - I)! \cdot (\boldsymbol{n} + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0 S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i=I+1)}^{(\boldsymbol{n} + I - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ \ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$\qquad D = \boldsymbol{n} < n$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s = 1}^{(\boldsymbol{n} - 1)} \sum_{(j_{ik} = s)}^{n} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\;)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \Bbbk - \boldsymbol{I} - 2 \cdot j_{sa}^s + 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge$

$s = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{ISO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{( )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - 2 \cdot j_{sa}^{s} + 1 \right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^{s} + 1 \right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{( )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$D = \boldsymbol{n} < n$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - \Bbbk - \boldsymbol{I} + 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge s = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^s-j_s-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I}+1)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\boldsymbol{I})!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^s-j_s-2\cdot s+1)!}$$

$$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge \boldsymbol{I}=\boldsymbol{I}\wedge \boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$$\boldsymbol{I}=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}>0\wedge\boldsymbol{I}>1\wedge \boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge$$

$$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$$

$$\boldsymbol{I}=\mathbb{k}+\boldsymbol{I}\wedge s>1\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{I}>1\wedge$$

$$\boldsymbol{s}=s+\mathbb{k}+\boldsymbol{I}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$$

$$^0S^{ISO}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1}^{} \sum_{(j_{ik} = s-1)}^{(\ )} \sum_{j_i = j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s = 1}^{} \sum_{(j_{ik} = s)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3\cdot s-\Bbbk-\boldsymbol{I}+1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})! \cdot \left(\boldsymbol{n}+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3\cdot s+1\right)!}$$

$$D=\boldsymbol{n}<n \wedge \Bbbk=0 \wedge \boldsymbol{I}=\boldsymbol{I} \wedge \boldsymbol{s}=s+\boldsymbol{I} \wedge j_{ik}=j_i-1 \vee$$

$$\boldsymbol{I}=\Bbbk+\boldsymbol{I} \wedge s>1 \wedge \Bbbk>0 \wedge \boldsymbol{I}>1 \wedge \boldsymbol{s}=s+\Bbbk+\boldsymbol{I} \wedge$$

$$\Bbbk_z:z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2 \wedge j_{ik}=j_i-1 \vee$$

$$\boldsymbol{I}=\Bbbk+\boldsymbol{I} \wedge s>1 \wedge \Bbbk_2>0 \wedge \Bbbk_1=0 \wedge \boldsymbol{I}>1 \wedge$$

$$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I} \wedge \Bbbk_z:z=1 \wedge \Bbbk=\Bbbk_2 \wedge j_{ik}=j_i-1 \Rightarrow$$

$$^0S^{\text{İSO}}=(D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right)+$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik} = j_{sa}^{ik}}^{} \sum_{(j_i = j_{ik}+1)}^{}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}^{}$$

$$\frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} + 1)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1 \right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^{0}S^{ISO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$D = \boldsymbol{n} < n$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + j_s + j_{sa}^{ik} - j_i - s - \Bbbk - \boldsymbol{I} - j_{sa}^{s} + 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_s + j_{sa}^{ik} - j_i - s - j_{sa}^{s} + 1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{ISO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)} \sum_{j_s = 1}^{(\boldsymbol{n} - 1)} \sum_{(j_{ik} = s)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i + j_s + j_{sa}^{ik} - j_i - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 1)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_s + j_{sa}^{ik} - j_i - s - j_{sa}^s + 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{n} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\;)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - \Bbbk - \boldsymbol{I} - 1)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot (\boldsymbol{n} + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{ISO} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\;)} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\;)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = I + 1)}^{(\boldsymbol{n} + I - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s = 1}^{(\boldsymbol{n} - 1)} \sum_{(j_{ik} = s)}^{n} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = I + 1)}^{(\boldsymbol{n} + I - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - 1)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - I)! \cdot (\boldsymbol{n} + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{ISO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \Bbbk - \boldsymbol{I} - 1 \right)!}{(n_i - \boldsymbol{n} - \Bbbk - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1 \right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge l = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i-\Bbbk-\boldsymbol{I}-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\Bbbk-\boldsymbol{I})!\cdot\left(\boldsymbol{n}-j_{sa}^{ik}-1\right)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge\boldsymbol{I}=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$$\boldsymbol{I}=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$$

$$\boldsymbol{I}=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$$

$$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$$

$$^0S^{\mathrm{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$D = \boldsymbol{n} < n$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1}^{} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^{ik} - 1\right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} - j_{sa}^{ik} - 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$D = \boldsymbol{n} < n$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j_i=j_{ik}+1)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}^{}$$

$$\frac{(n_i + j_{sa}^{ik} - 2 \cdot s - \Bbbk - I + 1)!}{(n_i - \boldsymbol{n} - \Bbbk - I)! \cdot (\boldsymbol{n} + j_{sa}^{ik} - 2 \cdot s + 1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^{0}S^{\text{ISO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{\left(n_i + j_{sa}^{ik} - 2 \cdot s - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} + 1 \right)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \boldsymbol{I})! \cdot \left(\boldsymbol{n} + j_{sa}^{ik} - 2 \cdot s + 1 \right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{\left(j_{ik} = j_{sa}^{ik} \right)}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{\left(j_{ik} = j_{sa}^{ik} \right)}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s-s-\Bbbk-\boldsymbol{I}-j_{sa}^s)!}{(n_i+j_s-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0 S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{n} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s-s-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^s)!}{(n_i+j_s-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$

$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge$

$\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$$^0S^{\text{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=s-1)}^{(\ )}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$D = \boldsymbol{n} < n$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{n}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_s-s-\Bbbk-\boldsymbol{I}-j_{sa}^s)!}{(n_i+j_s-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{l} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{l} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!} + \right.$$

$D = \boldsymbol{n} < n$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\Bigg) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\Bigg)\Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s - s - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I} - j_{sa}^s)!}{(n_i + j_s - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge \boldsymbol{I} = I \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$^0 S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}^{(\quad)}\sum_{(j_{ik}=j_{sa}^{ik})}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right)\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik} + j_{ik} - j_s - s - \Bbbk_2 - \boldsymbol{I})!}{(n_{ik} + j_{ik} - \boldsymbol{n} - \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^{0}S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik}+j_{ik}+\Bbbk_1-j_s-s-\Bbbk-\boldsymbol{I})!}{(n_{ik}+j_{ik}+\Bbbk_1-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$
{}^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +
$$

$$
(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik}+j_{sa}^{ik}-s-\Bbbk_2-\boldsymbol{I}-j_{sa}^s)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk_2-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik})!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$$

$$I=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$$

$${}^0S^{\text{iso}}=(D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\;\;)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \Bigg) +$$

$$(D-s)! \cdot \Bigg(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \Bigg) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \Bigg) \Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik}+j_{sa}^{ik}+\Bbbk_1-s-\Bbbk-\boldsymbol{I}-j_{sa}^s)!}{(n_{ik}+j_{ik}+\Bbbk_1-\boldsymbol{n}-\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!}\cdot\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$D = \boldsymbol{n} < n$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\mathbb{k}+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\;\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - 2 \cdot \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I} + 2)!}{(2 \cdot n_i - n_{ik} - j_{ik} - \boldsymbol{n} - 2 \cdot \mathbb{k}_1 - \mathbb{k}_2 - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + \boldsymbol{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \mathbb{k} + \boldsymbol{I} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$^0S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$D = \boldsymbol{n} < n$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i + \Bbbk_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} + 2)!}{(2 \cdot n_i + \Bbbk_2 - n_{ik} - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}\sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_{ik}+j_i-j_s-s-\Bbbk_2-\boldsymbol{I}-1)!}{(n_{ik}+j_i-\boldsymbol{n}-\Bbbk_2-\boldsymbol{I}-j_{sa}^s-1)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$$l=\Bbbk+\boldsymbol{I}\wedge s>1\wedge\Bbbk>0\wedge\boldsymbol{I}>1\wedge\boldsymbol{s}=s+\Bbbk+\boldsymbol{I}\wedge$$

$$\Bbbk_z:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$$

$\qquad D = \boldsymbol{n} < n$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_{ik} + j_i + \Bbbk_1 - j_s - s - \Bbbk - \boldsymbol{I} - 1)!}{(n_{ik} + j_i + \Bbbk_1 - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge l = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{ISO} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-I-1)!}{(n_s+j_i-\boldsymbol{n}-I-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-I-1)! \cdot (\boldsymbol{n}+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-I-1)!}{(n_s+j_i-\boldsymbol{n}-I-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-I-1)! \cdot (\boldsymbol{n}+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\Bbbk_2-I-j_{sa}^s\right)!}{(n_{ik}+j_i-\boldsymbol{n}-\Bbbk_2-I-j_{sa}^s-1)! \cdot \left(\boldsymbol{n}+j_{sa}^{ik}-s-j_i+1\right)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge$

$s = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+I-j_i)}
$$

$$
\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+I-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+I-j_i)}
$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{()} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + \Bbbk_1 - s - \Bbbk - \boldsymbol{I} - j_{sa}^{s})!}{(n_{ik} + j_i + \Bbbk_1 - \boldsymbol{n} - \Bbbk - \boldsymbol{I} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} + j_{sa}^{ik} - s - j_i + 1)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0 S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{()} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_i - s - 2 \cdot \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} + 3)!}{(2 \cdot n_i - n_{ik} - j_i - \boldsymbol{n} - 2 \cdot \Bbbk_1 - \Bbbk_2 - \boldsymbol{I} - j_{sa}^{s} + 3)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^{0}S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i + \Bbbk_2 - n_{ik} - j_s - j_i - s - 2 \cdot \Bbbk - \boldsymbol{I} + 3)!}{(2 \cdot n_i + \Bbbk_2 - n_{ik} - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 3)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{\mathrm{iso}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{(\boldsymbol{n} + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg)\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_s + j_i - j_s - s - \boldsymbol{I})!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0S^{iSO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_s - \boldsymbol{I} - j_{sa}^s)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - j_i)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0S^{\mathrm{ISO}} = (D-s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i-n_s-j_s-j_i-s-2 \cdot \Bbbk_1-2 \cdot \Bbbk_2-\boldsymbol{I}+2)!}{(2 \cdot n_i-n_s-j_i-\boldsymbol{n}-2 \cdot \Bbbk_1-2 \cdot \Bbbk_2-\boldsymbol{I}-j_{sa}^s+2)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\Bigg) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ \ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\Bigg) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!}\right)\right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot \Bbbk - \boldsymbol{I} + 2)!}{(2 \cdot n_i - n_s - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!}\Bigg)\Bigg) -$$

$$(D-s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j_i=s)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}^{}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} + 3)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^{s} + 3)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^{0}S^{\text{iso}} = (D-s)! \cdot \sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}^{}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 2 \cdot \Bbbk - \Bbbk_1 - I + 3)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - I - j_{sa}^s + 3)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{} \sum_{(j_i=s)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}^{}$$

$$\frac{(2 \cdot n_i+j_s-n_s-j_i-s-2 \cdot \Bbbk_1-2 \cdot \Bbbk_2-\boldsymbol{I})!}{(2 \cdot n_i+2 \cdot j_s-n_s-j_i-\boldsymbol{n}-2 \cdot \Bbbk_1-2 \cdot \Bbbk_2-\boldsymbol{I}-j_{sa}^{s})! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$
{}^0S^{\dot{I}SO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +
$$

$$
(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}
$$

$$
\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
$$

$$
\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.
$$

$$
\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +
$$

$$
\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=s)}^{(\quad)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_i+j_s-n_s-j_i-s-2\cdot\Bbbk-\boldsymbol{I})!}{(2\cdot n_i+2\cdot j_s-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{iso} = (D-s)!\cdot\sum_{j_s=1}\sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)}\sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \Bigg) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{\left(j_{ik} = j_{sa}^{ik} \right)}^{(\ \ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik} \right)! \cdot \left(j_{sa}^{ik} - 2 \right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s \right)! \cdot \left(s - j_{sa}^{ik} - 1 \right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \Bigg) +$$

$$\sum_{j_s = 1} \sum_{\left(j_{ik} = j_{sa}^{ik} + 1 \right)}^{\left(\boldsymbol{n} + j_{sa}^{ik} - s \right)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik} \right)! \cdot \left(j_{sa}^{ik} - 2 \right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s \right)! \cdot \left(s - j_{sa}^{ik} - 1 \right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \Bigg) \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$\qquad D = \boldsymbol{n} < n$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I})!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = j_{sa}^{ik})}^{(\ )} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{n} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \Bigg) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \Bigg) \Bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I})!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}^{0}S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$D = \boldsymbol{n} < n$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$(D-s)!\cdot\left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot \Bbbk_2 - I)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - n - 2 \cdot \Bbbk_2 - I - j_{sa}^s)! \cdot (n - s)!}$$

$$D = n < n \wedge \Bbbk = 0 \wedge I = I \wedge s = s + I \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge s = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$${}^0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{n} \right.$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}+2\cdot\Bbbk_1-n_s-j_s-j_i-s-2\cdot\Bbbk-\boldsymbol{I})!}{(2\cdot n_{ik}+2\cdot j_{ik}+2\cdot\Bbbk_1-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk-\boldsymbol{I}-j_{sa}^s)!\cdot(\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$$

$$^0S^{\text{İSO}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \Bbbk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+n_{ik}+j_{ik}-n_s-j_i-s-2 \cdot \Bbbk_2-\Bbbk_1-\boldsymbol{I})!}{(n_i+n_{ik}+j_s+j_{ik}-n_s-j_i-\boldsymbol{n}-2 \cdot \Bbbk_2-\Bbbk_1-\boldsymbol{I}-j_{sa}^s)! \cdot (\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge s = s + \boldsymbol{I} \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge s = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge s = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$^0S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}\right)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\sum_{j_s=1} \sum_{\left(j_{ik}=j_{sa}^{ik}+1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{\left(j_{ik} - j_{sa}^{ik}\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j_i - j_{ik} - 1)!}{\left(j_i + j_{sa}^{ik} - j_{ik} - s\right)! \cdot \left(s - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(n_i + n_{ik} + j_{ik} + \Bbbk_1 - n_s - j_i - s - 2 \cdot \Bbbk - \boldsymbol{I})!}{(n_i + n_{ik} + j_s + j_{ik} + \Bbbk_1 - n_s - j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg) +$$

$$\sum_{j_s = 1}^{} \sum_{(j_{ik} = s)}^{(\boldsymbol{n}-1)} \sum_{j_i = j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i = \boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\Bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\Bigg)\Bigg) -$$

$$(D - s)! \cdot \sum_{j_s = 1}^{} \sum_{j_{ik} = j_{sa}^{ik}}^{} \sum_{(j_i = j_{ik}+1)}^{}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik}+j_{ik}-j_i-\Bbbk_2}^{}$$

$$\frac{(n_s + j_{ik} - j_s - s - \boldsymbol{I} + 1)!}{(n_s + j_{ik} - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = I \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{\text{iso}} = (D - s)! \cdot \sum_{j_s = 1}^{} \sum_{(j_{ik} = s-1)}^{(\ )} \sum_{j_i = s}^{}$$

$\qquad D = \boldsymbol{n} < n$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \bigg) \bigg) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_s - \boldsymbol{I} - j_{sa}^s)!}{(n_s + j_{ik} - \boldsymbol{n} - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - j_{ik} - 1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \bigg(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \bigg) +$$

$$(D - s)! \cdot \bigg(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik})}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$D = \boldsymbol{n} < n$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} + 1)!}{(2 \cdot n_i - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = I \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$$s = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{ISO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(2 \cdot \boldsymbol{n}_i - n_s - j_s - j_{ik} - s - 2 \cdot \Bbbk - \boldsymbol{I} + 1)!}{(2 \cdot \boldsymbol{n}_i - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S^{\text{ISO}} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\quad)} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\quad)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\;\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\;\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\left.\right)+$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)}\;\sum_{(j_{ik}=s)}^{n}\;\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\;\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}\;\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\left.\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\;\sum_{j_{ik}=j_{sa}^{ik}}\;\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\;\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )}\;\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_i-s-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}+4)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-3\cdot\Bbbk_1-2\cdot\Bbbk_2-\boldsymbol{I}-j_{sa}^s+4)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+\boldsymbol{I}\wedge j_{ik}=j_i-1\vee$$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\Bbbk_1+1)!} \cdot \left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{()} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s + 2)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{S} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{S} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{S} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{()} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$D = \boldsymbol{n} < n$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot \Bbbk - \Bbbk_1 - I + 4)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - I - j_{sa}^s + 4)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$

$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{iso} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$D = \boldsymbol{n} < n$

$$\sum_{j_s=1}^{} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+\boldsymbol{I}-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}^{}\sum_{j_{ik}=j_{sa}^{ik}}^{}\sum_{(j_i=j_{ik}+1)}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}^{}$$

$$\frac{(3\cdot n_i-n_{ik}-n_s-j_s-2\cdot j_{ik}-s-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I}+2)!}{(3\cdot n_i-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I}-j_{sa}^s+2)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge \boldsymbol{I} = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$\boldsymbol{I} = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$^0S^{ISO} = (D-s)!\cdot\sum_{j_s=1}^{}\sum_{(j_{ik}=s-1)}^{(\quad)}\sum_{j_i=s}^{}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)}\sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1}\sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\;)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s = 1} \sum_{(j_{ik} = s)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$D = \boldsymbol{n} < n$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right) +$$

$$\sum_{j_s = 1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{\boldsymbol{n}} \sum_{j_i = j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=I+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left.\left.\frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!}\right)\right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik}+1)}$$

$$\sum_{(n_i = \boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s = n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \Bbbk - I - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - \boldsymbol{n} - 2 \cdot \Bbbk - I - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$D = \boldsymbol{n} < n$$

$$^0S^{\mathrm{ISO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!}\right)\right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - I + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - I)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = I \wedge \boldsymbol{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk > 0 \wedge I > 1 \wedge \boldsymbol{s} = s + \Bbbk + I \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + I \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iSO} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\quad)} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = I + 1)}^{(\boldsymbol{n} + I - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - I - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - I - 1)! \cdot (\boldsymbol{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!}\right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\quad)} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + I)}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = I + 1)}^{(\boldsymbol{n} + I - j_i)}$$

$$D = \boldsymbol{n} < n$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)} \sum_{j_s = 1}^{} \sum_{(j_{ik} = s)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\;)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - \boldsymbol{n} - 3 \cdot \Bbbk_1 - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + I \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge I > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{\text{İSO}} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I} + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \boldsymbol{n} - 2 \cdot \Bbbk - \Bbbk_1 - \boldsymbol{I})! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0S^{ISO} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+I-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)+$$

$$\sum_{j_s=1}^{(n-1)}\sum_{(j_{ik}=s)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)!\cdot(s-3)!}\cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}-j_i)!}+\right.$$

$$\left.\left.\frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)!\cdot(\boldsymbol{n}+I-j_i-i)!}\cdot\frac{(i-1)!}{(\boldsymbol{I}-1)!\cdot(i-\boldsymbol{I})!}\right)\right)-$$

$$(D-s)!\cdot\sum_{j_s=1}\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(3\cdot n_i+2\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-s-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I}-1)!}{(3\cdot n_i+3\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\Bbbk-\Bbbk_1-\boldsymbol{I}-j_{sa}^s-1)!\cdot(\boldsymbol{n}-s)!}$$

$$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\boldsymbol{I}\wedge\boldsymbol{s}=s+I\wedge j_{ik}=j_i-1\vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{iso} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

$$(D - s)! \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \Bbbk_1 + 1)}^{(\ \ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \Bbbk_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot \Bbbk_2 - \boldsymbol{I} - 1)!}{(2 \cdot n_{ik} + j_{ik} - n_s - \boldsymbol{n} - 2 \cdot \Bbbk_2 - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{S} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{S} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{iso} = (D - s)! \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ \ )} \sum_{j_i = s}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} - \Bbbk_2 - 1} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$\sum_{j_s=1} \sum_{(j_{ik}=s)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \Bbbk_1 - n_s - j_s - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \Bbbk_1 - n_s - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$l = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$

$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0 S^{\mathrm{iso}} = (D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) +$$

$$D = \boldsymbol{n} < n$$

$$\sum_{j_s=1}^{(\boldsymbol{n}-1)} \sum_{(j_{ik}=s)}^{n} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot$$

$$\left(\frac{(n_s-\boldsymbol{I}-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j_i-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-j_i-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right) \right) -$$

$$(D-s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+n_{ik}-n_s-s-2 \cdot \Bbbk_2-\Bbbk_1-\boldsymbol{I}-1)!}{(n_i+n_{ik}+j_s-n_s-\boldsymbol{n}-2 \cdot \Bbbk_2-\Bbbk_1-\boldsymbol{I}-j_{sa}^s-1)! \cdot (\boldsymbol{n}-s)!}$$

$$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \boldsymbol{I} \wedge \boldsymbol{s} = s + \boldsymbol{I} \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{I} > 1 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge$$

$$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \Bbbk + \boldsymbol{I} \wedge s > 1 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{I} > 1 \wedge$$

$$\boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$^0 S^{ISO} = (D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2+\boldsymbol{I}-j_{ik}+1)}^{(n_i-j_{ik}-\Bbbk_1+1)} \sum_{n_s=\boldsymbol{n}+\boldsymbol{I}-j_i+1}^{n_{ik}-\Bbbk_2-1} \sum_{(i=\boldsymbol{I}+1)}^{(\boldsymbol{n}+\boldsymbol{I}-j_i)}$$

$$\frac{(n_i - n_{ik} - \Bbbk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \Bbbk_1 + 1)!} \cdot \left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$(D - s)! \cdot \left(\sum_{j_s = 1}^{} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = j_{ik} + 2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) +$$

$$\sum_{j_s = 1}^{} \sum_{(j_{ik} = s)}^{(\boldsymbol{n} - 1)} \sum_{j_i = j_{ik} + 1}^{\boldsymbol{n}}$$

$$\sum_{(n_i = \boldsymbol{n} + \Bbbk + \boldsymbol{I})}^{(n)} \sum_{(n_{ik} = \boldsymbol{n} + \Bbbk_2 + \boldsymbol{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \Bbbk_1 + 1)} \sum_{n_s = \boldsymbol{n} + \boldsymbol{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \Bbbk_2} \sum_{(i = \boldsymbol{I} + 1)}^{(\boldsymbol{n} + \boldsymbol{I} - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - \boldsymbol{I} - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - j_i)!} + \right.$$

$$\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\boldsymbol{I} - 1)! \cdot (i - \boldsymbol{I})!} \right) \right) -$$

610 $\qquad D = \boldsymbol{n} < n$

$$(D - s)! \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\Bbbk_1+1)}^{(\ \ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i + n_{ik} + \Bbbk_1 - n_s - s - 2 \cdot \Bbbk - \boldsymbol{I} - 1)!}{(n_i + n_{ik} + j_s + \Bbbk_1 - n_s - \boldsymbol{n} - 2 \cdot \Bbbk - \boldsymbol{I} - j_{sa}^s - 1)! \cdot (\boldsymbol{n} - s)!}$$

$$D = \boldsymbol{n} < n \wedge I = \boldsymbol{I} + \Bbbk \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z > 1 \Rightarrow$$

$$^{0}S^{\text{İSO}} = \prod_{z=3}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1 \vee \boldsymbol{n})}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n} \sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}^{} \Bbbk_i-(j_i)_1 \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=2}^{s-1} \Bbbk_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}^{} \Bbbk_i+1\right)}$$

$$\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}^{} \Bbbk_i-(j_{ik})_{z-1} \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z-1}^{s-1} \Bbbk_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}^{} \Bbbk_i}$$

$$\sum_{\left((n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}^{} \Bbbk_i-(j_i)_{z-1} \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z}^{s-1} \Bbbk_i+\boldsymbol{I}-(j_i)_{z-1}+1\right)}^{\left((n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}^{} \Bbbk_i-1\right)}$$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!} \cdot$$

$$\frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!} \cdot$$

$$\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n_i-(n_{ik})_1-(j_i)_1+1)!} \cdot$$

$$\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)! \cdot ((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!} \cdot$$

$$\frac{((n_s)_{z=s}-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-(j_i)_{z=s})!}$$

$$D = \boldsymbol{n} < n \wedge I = \boldsymbol{I} + \Bbbk \wedge s > 1 \wedge \boldsymbol{I} > 1 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \Bbbk + \boldsymbol{I} \wedge \Bbbk_z : z > 1 \Rightarrow$$

$$^{0}S^{\text{İSO}} = \prod_{z=3}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1 \vee \boldsymbol{n})}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n} \sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}^{} \Bbbk_i-(j_i)_1 \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=2}^{s-1} \Bbbk_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}^{} \Bbbk_i+1\right)}$$

$$D = \boldsymbol{n} < n$$

$$\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\Bbbk_i-(j_{ik})_{z-1}\vee z=s\Rightarrow \boldsymbol{n}+\sum_{i=z-1}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\Bbbk_i}$$

$$\sum_{\left((n_s)_{z-1}=(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\Bbbk_i\right)}^{(\quad)} \sum_{i=\boldsymbol{I}+1}^{\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}}$$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!} \cdot$$

$$\frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!} \cdot$$

$$\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n_i-(n_{ik})_1-(j_i)_1+1)!} \cdot$$

$$\frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)! \cdot ((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!} \cdot$$

$$\frac{((n_s)_{z=s}-i-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-\boldsymbol{I}-1)! \cdot (\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}-i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} +$$

$$\prod_{z=3}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z\vee z=s\Rightarrow s)}^{((j_{ik})_{z+1}-1\vee \boldsymbol{n})}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk+\boldsymbol{I}}^{n} \sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}\Bbbk_i-(j_i)_1\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=2}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_i)_1+1\right)}^{\left(n_i-(j_i)_1-\sum_{i=1}\Bbbk_i+1\right)}$$

$$\sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}\Bbbk_i-(j_{ik})_{z-1}\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=z-1}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_{ik})_{z-1}+1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}\Bbbk_i}$$

$$\sum_{\left((n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}\Bbbk_i-(j_i)_{z-1}\vee z=s\Rightarrow\boldsymbol{n}+\sum_{i=z}^{s-1}\Bbbk_i+\boldsymbol{I}-(j_i)_{z-1}+1\right)}^{\left((n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}\Bbbk_i-1\right)} \sum_{i=\boldsymbol{I}+1}^{\boldsymbol{n}+\boldsymbol{I}-(j_i)_{z=s}}$$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}\right)!}{\left(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-\left(j_{ik}-j_{sa}^{ik}\right)_{z-1}+1\right)!} \cdot$$

$$\frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!} \cdot$$

$$\frac{(n_i - (n_{ik})_1 - 1)!}{((j_i)_1 - 2)! \cdot (n_i - (n_{ik})_1 - (j_i)_1 + 1)!} \cdot$$

$$\frac{((n_{ik})_{z-1} - (n_s)_{z-1} - 1)!}{((j_i)_{z-1} - (j_{ik})_{z-1} - 1)! \cdot ((n_{ik})_{z-1} + (j_{ik})_{z-1} - (n_s)_{z-1} - (j_i)_{z-1})!} \cdot$$

$$\left(\frac{((n_s)_{z=s} - \boldsymbol{I} - 1)!}{((n_s)_{z=s} + (j_i)_{z=s} - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} - (j_i)_{z=s})!} + \right.$$

$$\left. \frac{((n_s)_{z=s} - i - 1)!}{((n_s)_{z=s} + (j_i)_{z=s} - \boldsymbol{n} - \boldsymbol{I} - 1)! \cdot (\boldsymbol{n} + \boldsymbol{I} - (j_i)_{z=s} - i)!} \cdot \frac{(i-1)!}{(\boldsymbol{I}-1)! \cdot (i-\boldsymbol{I})!} \right)$$

BİR BAĞIMLI-BAĞIMSIZ DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİK BULUNMAMA OLASILIĞI

Simetri bir bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde $\{1, 0, 0, 0\}$, bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlardan, simetrinin başladığı bağımlı durumla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı 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 bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik olasılığın çıkarılmasına eşit olur. Simetri bir bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde, bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlardan, simetrinin başladığı bağımlı durumla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı durum bulunan dağılımlarda ilk düzgün olmayan simetrik bulunmama olasılığı için,

$$ {}^{0}S^{\text{İSO},B} = {}_{0,T}^{1}S_{1}^{1} - {}^{0}S^{\text{İSO}} $$

eşitliği elde edilir. Bu eşitliğe bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlarda, simetri bir bağımlı durumla başlayıp bağımsız durumlarla bittiğinde; simetrinin bağımlı durumuyla başlayan ve bağımsız durumla başlayıp ilk bağımlı durumu simetrinin bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı*** denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı ${}^{0}S^{\text{İSO},B}$ ile gösterilecektir.

BAĞIMLI-BAĞIMSIZ DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİK BULUNMAMA OLASILIĞI

Simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde $\{1, 2, 0, 0, 3, 0, 0, 0\}$ veya $\{1, 2, 3, 0, 0, 0\}$, bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlardan, simetrinin başladığı bağımlı durumla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı 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 bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik olasılığın çıkarılmasına eşit olur. Simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde, bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlardan, simetrinin başladığı bağımlı durumla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrinin başladığı durum bulunan dağılımlarda ilk düzgün olmayan simetrik bulunmama olasılığı için,

$$^{0}S^{\text{İSO},B} = {}_{0,T}^{1}S_{1}^{1} - {}^{0}S^{\text{İSO}}$$

eşitliği elde edilir. Bu eşitliğe bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlarda, simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde; simetrinin ilk bağımlı durumuyla başlayan ve bağımsız durumla başlayıp ilk bağımlı durumu simetrinin ilk bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı*** denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı ${}^{0}S^{\text{İSO},B}$ ile gösterilecektir.

$D = \boldsymbol{n} < n$

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.

$$S^{iso} = S^{is} - S^{iss}$$
veya
$$_0S^{iso} = {}_0S^{is} - {}_0S^{iss}$$
veya
$$^0S^{iso} = {}^0S^{is} - {}^0S^{iss}$$

➢ 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.

$$S_0^{iso} = S_0^{is} - S_0^{iss}$$
veya
$$_0S_0^{iso} = {}_0S_0^{is} - {}_0S_0^{iss}$$
veya
$$^0S_0^{iso} = {}^0S_0^{is} - {}^0S_0^{iss}$$

➢ 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.

$$S_D^{iso} = S_D^{is} - S_D^{iss}$$
veya
$$_0S_D^{iso} = {}_0S_D^{is} - {}_0S_D^{iss}$$
veya
$$^0S_D^{iso} = {}^0S_D^{is} - {}^0S_D^{iss}$$

DİZİN

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 bir bağımlı-bağımsız ve bağımlı-bağımsız 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 Bir Bağımlı-Bağımsız ve Bağımlı-Bağımsız 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, bir bağımlı-bağımsız ve bağımlı-bağımsız durumlardan oluşan simetrinin; düzgün olmayan simetrik olasılıkları ve düzgün olmayan simetrik bulunmama olasılıklarının tanım ve eşitlikleri verilmektedir.

VDOİHİ'nin bu cildinde verilen ilk düzgün olmayan simetrik olasılık eşitlikleri teorik yöntemle üretilmiştir. Tanım ve eşitliklerin üretilmesinde dış kaynak kullanılmamıştır.