

$$\begin{aligned}
& \frac{(13/34)35(46)(-7873/1800(13/13-7873/1800(34/34))}{(14)^2(23)(34)(21+4(3)s_{123}} + \\
& \frac{-7873/1800(46)(34)(26)(41+3(2)}{(14)(24)(56)(21+4(3)s_{123}} + \\
& \frac{-7873/1800(45)(46)(23)(13)^2(34)}{(14)^2(23)(34)(12+3(4)s_{123}} + \\
& \frac{45(-7873/1800(12)^2(12)(13)(34)^2(35)\dots(5\text{ terms})\dots-5627/900(12)(15)[12(14)(24)(13)^2]}{(12)(14)(23)(24)(34)(56)(12+3(4)s_{123}} + \\
& \frac{-5(6(46)^2(34)^2(24)(14)}{(24)(56)(4(2+3(4)s_{123}} + \\
& \frac{(34)(46)(24)(-13273/360(46)(12)(14)(14)(34)\dots(8\text{ terms})\dots+1127/300(14)(36)(24)^2(24)}{(14)^2(23)(24)(34)(56)(4(2+3(4)s_{123}} + \\
& \frac{(46)(24)(-13273/360(34)(24)(46)-13273/540(34)(23)(36)-32611/2700(13)(12)(46))}{(14)(34)(56)(4(2+3(4)s_{123}} + \\
& \frac{24(46)(-13873/360(34)(13)(24)(46)\dots(3\text{ terms})\dots+59603/1800(12)(24)(24)(46))}{23(24)(34)(56)(4(2+3(4)s_{123}} + \\
& \frac{5(3(34)(12)(24)(46)^2}{23(24)(56)(4(2+3(4)s_{123}} + \\
& \frac{13(45)(5627/900(34)^2(25)(12)^2-5627/900(12)(15)(14)(13)(34)-7873/360(45)(14)(24)(13)(34)+7873/450(13)^2(25)(24)^2)}{(12)(14)(23)(24)(34)(56)(21+3(4)s_{123}} + \\
& \frac{-1127/1800(34)^2(46)^2}{(14)(24)^2(56)s_{123}} + \\
& \frac{(46)(-1127/300(12)(36)(14)(34)\dots(9\text{ terms})\dots-23623/1350(36)(23)(23)(24)(13))}{(12)(14)(23)(24)(34)(56)s_{123}} + \\
& \frac{(36)(-21373/900(12)(23)(36)(24)(34)\dots(3\text{ terms})\dots+7873/360(12)(14)(24)(26)(13))}{(12)(14)(23)(24)(34)(56)s_{123}} + \\
& \frac{(34)(45)(-1127/300(34)(12)(14)(15)\dots(4\text{ terms})\dots-3373/300(13)(34)(24)(35))}{(12)(14)(23)(24)(34)(56)s_{123}} + \\
& \frac{-5(3(34)(13)(24)(46)^2}{23(24)^2(34)(56)s_{123}} + \\
& \frac{15/2(s_{13}-s_{14}-s_{24})(4(2+3(1)(26)(s_{134}-s_{124})[35]}{(21+4(3)^2\Delta_{14}(23)(56}} + \\
& \frac{-4803541/18720s_{134}(34)(24)(26)^2(34)}{(12)(23)(56)(21+4(3)^3}} + \\
& \frac{(24)(26)^2(34)(34)(30(13)(13)-5365141/18720(14)(14)+48859877/93600(23)(23)-30(24)(24))}{(12)(23)(56)(21+4(3)^3}} + \\
& \frac{(24)(26)(35)(-7873/300(13)(13)+7873/300(24)(24)-46051877/93600(34)(34)+1836181/7800(12)(12))}{(12)(21+4(3)^3}} + \\
& \frac{-1836181/7800(12)(23)(24)(26)^2}{(56)(21+4(3)^3}} + \\
& \frac{-5(4(1+2(3)(36)(34)(26)(s_{123}-s_{124})(34)}{(12)(56)(21+4(3)^2(3(5+6(3)^2}} + \\
& \frac{-15(36)(4(5+6(4)(34)(24)(26)(34)}{(12)(23)(56)(21+4(3)^2(3(5+6(3)^2}} + \\
& \frac{25/4(s_{13}-s_{14}-s_{24})(4(2+3(1)(26)(3(1+4(2)(s_{134}-s_{124})[35]}{(21+4(3)^2\Delta_{14}(23)(56}} + \\
& \frac{(24)(12)(23)(23)(45)^2(15(4(14)(24)(24)(14)\dots(11\text{ terms})\dots-5(34)(13)(34)(13))}{(14)(56)(1(2+3(4)(21+4(3)^2\Delta_{14}(23)(56}} + \\
& \frac{15/4(45)(24)(12)(36)(13)(34)(14)(34)^2\dots(95\text{ terms})\dots-5(2(24)^2(46)(13)^2(23)(24)(13)^2(35)}{(56)(56)(1(2+3(4)(21+4(3)^2\Delta_{14}(23)(56}} + \\
& \frac{(24)(35)(46)(3(1+4(2)(2473/1440(13)(13)\dots(3\text{ terms})\dots+19127/7200(12)(12))}{(14)(21+4(3)^2\Delta_{14}(23)(56}} + \\
& \frac{5(46)(34)(3(1+4(3(34)^2(35)}{(14)(21+4(3)^2\Delta_{14}(23)(56}} + \\
& \frac{(34)(46)(s_{23}-s_{56})(-5(8(34)(34)^2(46)-5(8(13)(16)(13)^2)}{(14)(56)(21+4(3)^2\Delta_{14}(23)(56}} + \\
& \frac{45(12)(12)(136753063/149760(45)(24)(13)(24)(34)\dots(30\text{ terms})\dots+15(4(2)^2(12)^2(15))}{(14)(56)(21+4(3)^2\Delta_{14}(23)(56}} + \\
& \frac{5(45)(3(1+4(5)(23)(12)(23)(24)(13)}{(14)(56)(21+4(3)^2\Delta_{14}(23)(56}} + \\
& -2945233/280800(46)(34)(23)(12)^2(24)(13)(35)\dots(111\text{ terms})\dots-10(46)(23)(34)(23)^2(12)(34)(35) + \\
& \frac{(13)(24)(26)(-5(34)^2(45)(14)(34)^2\dots(31\text{ terms})\dots+7873/600(24)(23)(23)(24)(13)(35))}{(12)(14)(23)(56)(56)(1(2+3(4)(21+4(3)^2}} + \\
& \frac{(26)(7873/600(45)(24)^2(13)(23)^2(24)\dots(4\text{ terms})\dots+7873/1800(45)(24)^3(13)(23)(24)^2}{(14)(23)(34)(56)(56)(1(2+3(4)(21+4(3)^2}} + \\
& \frac{12(26)(57397/3600(13)^2(45)(13)^2(23)\dots(11\text{ terms})\dots+25873/3600(45)(12)(23)(13)(12)(13))}{(14)(23)(56)(56)(1(2+3(4)(21+4(3)^2}} + \\
& \frac{(24)(36)(45)(124873/5400(14)(24)(24)(14)\dots(11\text{ terms})\dots+5623/900(34)(24)(34)(24))}{(23)(56)(56)(1(2+3(4)(21+4(3)^2}} + \\
& \frac{5(24)(12)(36)(13)(34)(35)\dots(4\text{ terms})\dots+5(45)(46)(13)(34)(13)(34)}{(56)(56)(1(2+3(4)(21+4(3)^2}} + \\
& \frac{(46)(122117/4320(24)(12)^2(23)(13)(23)(24)(26)\dots(11\text{ terms})\dots-5(12)(23)(36)(34)^2(23)(24)^2)}{(12)(23)(24)(34)(56)(1(2+4(3)(21+4(3)^2}} + \\
& \frac{1836181/23400(12)(14)(24)(26)^2(34)(13)}{(12)(23)(56)(1(2+4(3)(21+4(3)^2}} + \\
& \frac{13(26)(36)(-57317/10800(12)(13)(14)(24)\dots(9\text{ terms})\dots-145127/2700(14)(24)(34)(24))}{(23)(34)(56)(1(2+4(3)(21+4(3)^2}} + \\
& \frac{13(-16873/600(12)^2(25)(36)(13)(24)(34)\dots(4\text{ terms})\dots+16873/600(25)(13)(24)^2(26)(13)^2)}{(14)(23)(24)(34)(56)(56)(21+4(3)^2}} + \\
& \frac{(13)(24)(35)(46)(36119/600(13)(13)\dots(4\text{ terms})\dots+21373/900(12)(12))}{(12)(14)(56)(56)(21+4(3)^2}} + \\
& \frac{12(26)(-15(45)(13)(14)(12)\dots(9\text{ terms})\dots-13727/720(12)(13)(13)(35))}{(14)(23)(56)(56)(21+4(3)^2}} + \\
& \frac{13(23)(35)(46)(-1439681/7800(13)(13)\dots(4\text{ terms})\dots+48373/900(12)(12))}{(24)(34)(56)(56)(21+4(3)^2}} + \\
& \frac{(24)(12841067/93600(25)(13)(36)(23)\dots(10\text{ terms})\dots-18447061/93600(34)(45)(13)(36))}{(23)(56)(56)(21+4(3)^2}} + \\
& \frac{-853697/10800(25)(13)(46)(23)\dots(3\text{ terms})\dots+1582681/7800(46)(14)(15)(14)}{(56)(56)(21+4(3)^2}} + \\
& \frac{-45(2(6(1+4(3)(34)(36)(s_{123}-s_{124})}{(12)(56)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{(36)(34)(s_{123}-s_{124})(10(23)(26)+15(34)(46))}{(12)(56)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{5(2(46)(4(2+3(4)(36)(34)(34)}{(12)(56)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{15(4(1+2(3)(34)(36)^2(34)}{(12)(56)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{-5(2(45)(34)^2(4(2+3(4)(35)}{(12)(56)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{(46)(1719181/23400(12)^3(36)(13)(12)(34)\dots(14\text{ terms})\dots-2187181/46800(46)(12)^2(23)(12)(23)^2)}{(12)(23)(24)(24)(56)(1(2+4(3)(21+4(3)^2}} + \\
& \frac{(26)(-2245681/23400(12)^2(23)(36)(13)(34)^2\dots(5\text{ terms})\dots-1953181/11700(36)(34)(14)(24)^2(12)(13))}{(12)(23)(24)(56)(1(2+4(3)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{(34)^2(35)(-5(2(12)^2(14)(25)(-5(2(13)(23)(34)(35))}{(12)(23)(56)(1(2+4(3)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{-5(12)(34)^2(15)^2}{(23)(24)(56)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{(26)(36)(1192681/23400(34)(24)(24)\dots(5\text{ terms})\dots+399349/7200(34)(12)(12))}{(12)(23)(56)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{35(2(46)(34)(36)(14)}{(23)(56)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{-175(128(4(2+3(1)(3(1+4(2)(6(1+4(5)(s_{124}-s_{134})(3(1+4(2)(s_{14}+s_{23}+s_{24}+s_{34})(6(1+4(5))}{(21+4(3)^3\Delta_{14}(23)(56}} + \\
& \frac{-175(64(s_{25}+s_{26}+s_{35}+s_{36})(4(2+3(1)(s_{124}-s_{134})(3(1+4(2)(s_{14}+s_{23}+s_{24}+s_{34})(6(1+4(5))}{(21+4(3)^3\Delta_{14}(23)(56}} + \\
& \frac{(3(1+4(2)(714983/83200(24)^2(12)(36)(13)(24)(34)(35)\dots(146\text{ terms})\dots-5(2(24)(12)(25)(23)(36)(13)(23)(24))}{(1(2+3(4)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{(s_{13}-s_{24})(s_{134}-s_{124})(-5(16(25)(14)^2(36)(14)^2\dots(19\text{ terms})\dots+25(4(12)(25)(36)(12)(13)(13))}{(1(2+3(4)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{(24)(6(1+4(5)(3(1+4(2)(s_{25}+s_{26}+s_{35}+s_{36})(15(16(13)(12)(24)+15(16(13)(13)(34)-15(16(34)(14)(14))}{(14)(23)(2(1+4(3)\Delta_{14}(23)(56}} + \\
& \frac{25(16(46)^2(12)(23)[14(s_{25}+s_{26}+s_{35}+s_{36})(3(1+4(2)(34)}{(14)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(46)^2(3(1+4(2)(s_{15}+s_{16}+s_{45}+s_{46})(5(8(13)(13)(24)(24)\dots(3\text{ terms})\dots+15(16(34)(23)(23)(34))}{(14)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{15(16(4(5+6(4)(s_{25}+s_{26}+s_{35}+s_{36})(12)[13(3(1+4(2)(6(1+4(5))}{(14)(23)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{25(16(45)(3(1+4(5)(s_{25}+s_{26}+s_{35}+s_{36})(4(2+3(1)[13(3(1+4(2))}{(14)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{-85(16(45)(6(2+3(1)(4(2+3(1)(3(1+4(2)(s_{15}+s_{16}+s_{45}+s_{46))}{(14)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{-15(16(12)(23)(13)(s_{15}+s_{16}+s_{45}+s_{46})(3(1+4(2)(6(1+4(5))}{(14)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{5(4(45)(6(2+3(1)[12(24)(3(1+4(2)(s_{15}+s_{16}+s_{45}+s_{46))}{(14)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{5(8(45)(3(1+4(5)[12(13)(24)(3(1+4(2)(s_{15}+s_{16}+s_{45}+s_{46))}{(14)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{-25(8(46)(s_{25}+s_{26}+s_{35}+s_{36})(4(2+3(1)(3(1+4(2)(6(1+5(4))}{(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(46)(3(1+4(2)(s_{25}+s_{26}+s_{35}+s_{36})(15(16(36)(13)(24)(24)\dots(3\text{ terms})\dots-15(16(12)(36)(24)(34))}{(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{-15(16(s_{23}-s_{14})(12)(25)(15)(4(2+3(1)(3(1+4(2))}{(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{-5(8(45)(s_{23}-s_{14})(25)(13)(24)(3(1+4(2)(34))}{(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{5(16(s_{23}-s_{14})(25)(15)(s_{24}-s_{13})(s_{124}-s_{134})(34)}{(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(3(1+4(2)(35(8(46)(23)(12)(23)^2(35)\dots(5\text{ terms})\dots+5(16(46)(12)(34)(23)(34)(35))}{(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(s_{134}-s_{124})(-15(16(46)(12)(25)(12)^2(23)\dots(3\text{ terms})\dots+5(16(46)(25)(14)^2(14)(34))}{(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(3(1+4(2)(5(16(24)(46)(12)^2(25)[14(13)(34)\dots(28\text{ terms})\dots-5(16(46)(12)(14)(12)(13)(13)^2(35))}{(1(2+3(4)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{-5(4(45)(24)(16)(s_{13}-s_{24})(4(2+3(1)(13))}{(1(2+3(4)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{(46)(13)(14)(34)(s_{23}-s_{56})(-5(8(12)(24)(46)-5(8(13)(16)(13))}{(14)(23)(56)(1(2+3(4)(21+4(3)(3(5+6(3)^2}} + \\
& \frac{(45)(s_{23}-s_{56})(-4(5(16(24)^2(25)(13)(24)(34)\dots(5\text{ terms})\dots-5(8(45)(12)^2(14)(34)(34))}{(14)(23)(56)(1(2+3(4)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{45(1503283/17280(24)^2(25)(13)(23)(24)(34)\dots(69\text{ terms})\dots-1114819/62400(24)(34)(23)(12)(34)^2(35))}{(14)(56)(1(2+3(4)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(23)(25)(45(5(16(34)(13)(24)^2(24)+5(16(12)^2(12)^3)}{(14)(56)(1(2+3(4)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(34)(14)(14(5(16(45)(12)(36)(12)(34)(34)-5(16(45)(34)^2(36)(34)^2+5(8(13)^2(46)(14)^2(35))}{(23)(56)(56)(1(2+3(4)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{14(s_{14}-s_{56})(5(4(46)(14)(13)^2(34)(35)\dots(3\text{ terms})\dots+5(16(45)(36)(14)(34)(34)^2)}{(23)(56)(56)(1(2+3(4)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{12(14)(-5(8(45)(24)^3(24)^2(46)\dots(5\text{ terms})\dots+5(8(45)(24)(36)(14)(13)(14)^2)}{(23)(56)(56)(1(2+3(4)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(14)(s_{14}-s_{56})(-5(8(24)^2(25)(36)(13)(24)\dots(7\text{ terms})\dots-5(8(24)^2(46)(14)(34)(35))}{(23)(56)(56)(1(2+3(4)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{78806983/374400(25)(14)^3(36)(14)^3\dots(83\text{ terms})\dots-45523/720(23)(36)(13)(12)(23)(13)^2(35)}{(56)(56)(1(2+3(4)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{-5(8(46)^2(s_{23}-s_{56})(24)(3(1+4(2)(13)}{(14)^2(23)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{-5(4(46)^2(23)(24)(3(1+4(2)(13)}{(14)^2(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{-5(4(46)^2(23)(s_{23}-s_{56})(13)(34)}{(14)^2(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{-5623/1800(25)(34)(3(1+4(3)(46))}{(14)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{-25889/7200(34)(3(1+4(2)(46)(35)}{(14)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(34)(46)(3(1+4(3)(-15(45)(34)+5(8(13)(15))}{(14)(23)(56)(1(2+3(4)\Delta_{14}(23)(56}} + \\
& \frac{(46)(3(1+4(3)(34)(5(4(36)(24)(24)-85(8(23)(24)(46)+5(4(34)(36)(34))}{(14)(23)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(46)(34)(10(12)(12)(25)+5(2(13)(25)(13)+5(2(13)(12)(35))}{(14)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{-125(8(46)(14)(13)(34)^2(35)}{(14)(23)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(36)(46)(34)(s_{23}-s_{56})(-15(8(12)(12)+15(8(24)(24)-95(8(34)(34))}{(14)(23)(56)(1(2+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(46)(34)(s_{23}-s_{56})(-5(4(24)(46)-95(8(16)(12))}{(14)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{5(8(45)(15)(s_{23}-s_{56})(12)(13)(3(1+4(2))}{(14)(23)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{5(4(45)(15)(12)(23)(13)(3(1+4(2))}{(14)(23)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{5(4(45)(15)(s_{23}-s_{56})(12)^2(23)}{(14)(23)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{-10850501/187200(12)^2(6(1+4(5)(23)}{(14)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{379903/62400(12)^2(26)(3(1+4(5))}{(14)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{12(45)(-10(34)(13)(36)-165(16(12)(36)(24)+5(2(12)(46)(23))}{(14)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{45(-5(16(13)(12)^3(24)(35)\dots(7\text{ terms})\dots+5(4(15)(12)^2(14)(13)(13))}{(14)(23)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{14(34)(-73086931/74880(46)(25)(13)(23)(13)\dots(29\text{ terms})\dots-5471177/15600(25)(23)^2(23)(46))}{(23)(56)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(36)(181672417/748800(45)(23)(13)(23)(34)^2\dots(9\text{ terms})\dots+59651/7200(25)(23)(13)(23)^2(34))}{(23)(56)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{12(105(16(24)(46)(12)(25)(13)(34)\dots(50\text{ terms})\dots+150193321/280800(24)(46)(23)(23)(34)(35))}{(23)(56)(56)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{7873/600(46)(23)(23)(13)(34)(35)}{(14)(24)(56)(56)(1(2+3(4)(21+4(3))}} + \\
& \frac{(13)(24)(-6073/540(13)^2(13)(36)(35)\dots(20\text{ terms})\dots+6073/360(24)(46)(23)(13)(35))}{(12)(14)(23)(56)(56)(1(2+3(4)(21+4(3))}} + \\
& \frac{45(12)^2(12)^2(-5(2(13)(13)+5(6(24)(24)-5(3(12)(12))}{(14)(23)(56)(1(2+3(4)(21+4(3))}} + \\
& \frac{19127/1800(16)(15)(14)^2(13)(13)^2\dots(3\text{ terms})\dots-16873/1800(24)^2(12)(23)^2(26)(35)}{(14)(23)(34)(56)(56)(1(2+3(4)(21+4(3))}} + \\
& \frac{5459/200(45)(24)(46)(34)(12)(34)\dots(10\text{ terms})\dots+3373/900(24)(23)(36)(12)(23)(35)}{(14)(23)(56)(56)(1(2+3(4)(21+4(3))}} + \\
& \frac{-7873/600(24)(46)(23)(23)^2(35)}{(24)(34)(56)(56)(1(2+3(4)(21+4(3))}} + \\
& \frac{(13)(14)(-30349/2700(25)(36)(24)+5(2(14)(15)(36)-5(13)(15)(46))}{(23)(56)(56)(1(2+3(4)(21+4(3))}} + \\
& \frac{-1631/600(25)(24)^2(24)(46)\dots(6\text{ terms})\dots+5(3(16)(12)(12)^2(25)}{(23)(56)(56)(1(2+3(4)(21+4(3))}} + \\
& \frac{-88178459/93600(25)(14)(36)(14)\dots(10\text{ terms})\dots-862393/5850(34)(36)(24)(35)}{(56)(56)(1(2+3(4)(21+4(3))}} + \\
& \frac{(46)(2889181/46800(13)(12)^2(13)^2(36)\dots(3\text{ terms})\dots+65(2(13)(34)(24)(26)(13)^2)}{(12)(23)(24)(34)(56)(1(2+4(3)(21+4(3))}} + \\
& \frac{35(-65487847/140400(34)(45)(13)(14)\dots(12\text{ terms})\dots-2901173/140400(45)(12)(14)(24))}{(24)(34)(56)(1(2+4(3)(21+4(3))}} + \\
& \frac{(13)(26)^2(7873/1800(13)(14)(24)\dots(5\text{ terms})\dots-940067/11700(12)(12)(23))}{(12)(23)(34)(56)(1(2+4(3)(21+4(3))}} + \\
& \frac{(14)(36)(-7011821/140400(23)(23)(26)\dots(4\text{ terms})\dots-24472661/70200(46)(12)(14))}{(12)(23)(56)(1(2+4(3)(21+4(3))}} + \\
& \frac{45(19010567/280800(34)(45)(13)(14)\dots(5\text{ terms})\dots-5740717/70200(13)(13)(15)(14))}{(23)(34)(56)(1(2+4(3)(21+4(3))}} + \\
& \frac{(26)(24)(-7873/1800(23)(23)(26)\dots(7\text{ terms})\dots-3511409/23400(46)(12)(14))}{(12)(34)(56)(21+4(3)(21+3(4))}} + \\
& \frac{(24)(45)(5(23)(24)(35)-5(45)(24)(24)-10(45)(23)(23))}{(12)(34)(56)(21+4(3)(21+3(4))}} + \\
& \frac{(13)(46)(8873/600(13)(14)(36)-5(3(34)(34)(46)+5(6(13)(13)(46))}{(14)(23)(56)(21+4(3))}} + \\
& \frac{-10111/4320(14)^2(13)(15)(46)\dots(9\text{ terms})\dots+119680973/280800(34)(36)(14)^2(35)}{(14)(23)(34)(56)(56)(21+4(3))}} + \\
& \frac{12(203639/1755(25)(12)(26)-3373/1800(25)(13)(36)+1127/1800(12)(36)(35))}{(14)(23)(56)(56)(21+4(3))}} + \\
& \frac{(46)(-23666489/280800(34)(14)(35)+3396181/46800(34)(45)(13)+1673681/7800(25)(13)(23))}{(24)(34)(56)(56)(21+4(3))}} + \\
& \frac{506879/31200(25)(12)(46)}{(23)(56)(56)(21+4(3))}} + \\
& \frac{-15(34)^2(36)^2(34)(s_{123}-s_{124})}{(12)(23)(56)(3(5+6(3)^3}} + \\
& \frac{23(36)(34)(-25(2(13)(34)(46)\dots(3\text{ terms})\dots+25(2(16)(14)(14))}{(12)(56)(1(2+4(3)(3(5+6(3)^2}} + \\
& \frac{-5(2(45)(24)(14)(34)^2(35)}{(12)(56)(1(2+4(3)(3(5+6(3)^2}} + \\
& \frac{-5(2(34)(24)(36)(46)}{(12)(56)(3(5+6(3)^2}} + \\
& \frac{(16)(10(36)(12)(14)^2(34)\dots(7\text{ terms})\dots-1836181/23400(23)(12)(14)(26)(13))}{(12)(56)(1(2+4(3)(3(5+6(3)^2}} + \\
& \frac{(14)(46)^2(1953181/46800(13)^2(13)^2-1953181/46800(34)(12)(12)(34)+1953181/46800(23)^2(23)^2+1953181/23400(13)(23)(23)(13))}{(12)(24)(56)(1(2+4(3)(3(5+6(3)(4(1+2(3(4))}} + \\
& \frac{(26)(36)(-1660681/23400(34)(14)(24)(24)\dots(5\text{ terms})\dots-34925087/140400(34)^2(14)(34))}{(12)(23)(24)(56)(1(2+4(3)(3(5+6(3))}} + \\
& \frac{(46)(1602181/46800(13)(23)^2(23)(46)\dots(14\text{ terms})\dots+5(2(24)(12)(36)(24)(34))}{(12)(23)(24)(56)(1(2+4(3)(3(5+6(3))}} + \\
& \frac{(34)^2(35)(15(2(12)(34)(45)(1+13)(45)(24)+5(13)(23)(35))}{(12)(23)(24)(56)(1(2+4(3)(3(5+6(3))}} + \\
& \frac{15(2(34)^2(45)(14)(15)}{(23)(24)(56)(1(2+4(3)(3(5+6(3))}} + \\
& \frac{25(2(34)(46)^2(14)(14)}{(12)(24)(56)(3(5+6(3)(4(1+2(3(4))}} + \\
& \frac{(3(1+4(2)(-3022449/41600(25)(14)^2(36)(14)^2\dots(57\text{ terms})\dots+5(2(25)(23)(36)(13)(23)(13))}{(1(2+3(4)(21+4(3)\Delta_{14}(23)(56}} + \\
& \frac{(13)(12)(s_{134}-s_{124})(5(16(13)(25)(14)(46)-5(16(45)(12)(14)(36)-15(16(12)(12)(3$$