

$$\begin{aligned}
& \frac{2/3i(12)^3[15]^3[23]s_{123}}{[45](12+31)^2[12+34](12+36)(31+26)} + \\
& \frac{-2/3i(12)^3[15]^3[23](31+25)}{(13)[45][56](12+31)^2(12+34)(31+26)} + \\
& \frac{1i(12)^3[15]^2(23)[23]^2[56]}{[45](12+31)(12+34)(12+36)^2(31+26)} + \\
& \frac{(12)^2[15]^2[23](-1i(12)[15]+2i(23)[35])}{[45](12+31)(12+34)(12+36)(31+26)} + \\
& \frac{1i(12)^3[15]^2[25](31+25)}{(13)^2[45][56](12+31)(12+34)(31+26)} + \\
& \frac{2i(12)^2[15]^2[35](31+25)}{(13)[45][56](12+31)(12+34)(31+26)} + \\
& \frac{-1i(12)^2[15](23)[25]^2(21+35)}{(13)^2[45][56](12+34)(31+26)s_{123}} + \\
& \frac{-1i(12)^2[15]^2[25](21+35)}{(13)[45][56](12+34)(31+26)s_{123}} + \\
& \frac{(24)^2(26)^2(-1/6i(13)^2[13](46)+1/6i(13)[13](14)(36)-1/3i(13)(16)[16](46)+1/3i(12)(14)(16)(23))}{(12)(16)(23)(34)(45)(56)(12+34)(31+26)} + \\
& (123456 \rightarrow \overline{234561}) + \\
& (123456 \rightarrow 345612) + \\
& (123456 \rightarrow \overline{456123}) + \\
& (123456 \rightarrow 561234) + \\
& (123456 \rightarrow \overline{612345}) + \\
& (123456 \rightarrow \overline{654321}) + \\
& (123456 \rightarrow 543216) + \\
& (123456 \rightarrow \overline{432165}) + \\
& (123456 \rightarrow 321654) + \\
& (123456 \rightarrow \overline{216543}) + \\
& (123456 \rightarrow 165432) + \\
& \frac{1/4i(16)[23](41+23)(61+25)\Omega_{135}}{(13+42)^2(12+34)(51+62)\Delta_{135}} + \\
& \frac{(16)[23](1i(12)[12][13](16)[23](26) \dots \langle 30 \text{ terms} \rangle \dots -1i(26)[26][34]^2(46)^2)}{[34](56)(13+42)^2(12+34)(51+62)} + \\
& \frac{5/24i(16)[23](23+41)(41+23)(61+25)\Omega_{135}}{(13+42)(12+34)(51+62)\Delta_{135}^2} + \\
& \frac{-5/12i(13)^2[13]^3(16)[35](46) \dots \langle 113 \text{ terms} \rangle \dots -1/6i(36)^2[45]^2(46)^3(56)}{(13+42)(12+34)(51+62)\Delta_{135}} + \\
& \frac{-1i[13]^3(16)^3 \dots \langle 6 \text{ terms} \rangle \dots +1/3i[23](26)[34]^2(46)^2}{[34](56)(13+42)(12+34)(51+62)} + \\
& \frac{(41+23)(61+25)(23+41)(5/36i(25)(34)[35][45] \dots \langle 4 \text{ terms} \rangle \dots +5/36i(24)[25](26)(46))}{(12+34)(31+26)\Delta_{135}^2} + \\
& \frac{1/9i(21+35)^4}{(12)(23)[45][56](12+34)(31+26)s_{123}} + \\
& \frac{1i(12)[15](23)[35](21+35)^2}{(12)(23)[45][56](12+34)(31+26)s_{123}} + \\
& (123456 \rightarrow \overline{234561}) + \\
& (123456 \rightarrow 345612) + \\
& (123456 \rightarrow \overline{456123}) + \\
& (123456 \rightarrow 561234) + \\
& (123456 \rightarrow \overline{612345}) + \\
& \frac{-207014111/192i(12)^5(14)(26)[12]^5[13][15] \dots \langle 4962 \text{ terms} \rangle \dots -5/12i(24)^2(26)(34)^2(36)^2[15][23][24][34]^2[36]^2}{(12)(12)(34)(34)(56)[56](12+34)(31+26)(51+62)\Delta_{135}} + \\
& \frac{207014111/48i(12)^3(14)(26)[12]^3[13][15] \dots \langle 917 \text{ terms} \rangle \dots -1/3i(26)^2(46)^3[14][26][36][46][56]}{(12)(12)(34)(34)(56)[56](12+34)(31+26)(51+62)} + \\
& (123456 \rightarrow \overline{234561})
\end{aligned}$$