```
\frac{-1\langle 1|3+4|2]\langle 46\rangle[24]\langle 3|2+4|1]\langle 26\rangle}{\langle 56\rangle\Delta_{13}|24|56}\langle 1|2+4|3]\langle 2|1+3|4|} +
                                                                                   (123456 \rightarrow -\overline{432165}) +
                                                 \frac{\frac{5/2\langle 16\rangle\langle 14\rangle[14][45](s_{123}-s_{134})(s_{14}-s_{23})^2}{\Delta_{13|24|56}\langle 1|2+4|3]^2\langle 2|1+3|4]^2}
                                                                        \frac{24\langle 16\rangle\langle 14\rangle[14](s_{14}\!-\!s_{23})[45]}{\langle 1|2\!+\!4|3]^2\langle 2|1\!+\!3|4]^2}\!+\!
                                 \frac{(s_{14}-s_{23})\langle 6|1+3|5|(7/2[14]\langle 14\rangle^2[24]+7/2\langle 23\rangle[23]^2\langle 13\rangle)}{\Delta_{13}[24]56\langle 1|2+4|3|^2\langle 2|1+3|4]}+
\frac{(s_{14} - s_{23})(s_{124} - s_{234})(-8[25][14]\langle 16\rangle\langle 14\rangle \dots \langle 4 \text{ terms}\rangle \dots -1[45][23]\langle 36\rangle\langle 14\rangle)}{\Delta_{13}[24]56\langle 1|2+4|3]^2\langle 2|1+3|4]} + \\
                                       \frac{[35]\langle 16\rangle\langle 14\rangle(s_{\mbox{\bf 124}} - s_{\mbox{\bf 234}})[24](-6[14]\langle 34\rangle + 6[12]\langle 23\rangle)}{\Delta_{\mbox{\bf 13}}[24]56\langle 1|2 + 4|3]^2\langle 2|1 + 3|4]} +
                                                                                     \frac{24[25][14]\langle 16\rangle\langle 14\rangle}{\langle 1|2+4|3]^2\langle 2|1+3|4]}
                                 \frac{[45]\langle 14\rangle\langle 14[23]\langle 26\rangle\langle 13\rangle-14\langle 46\rangle[34]\langle 13\rangle-14[14]\langle 16\rangle\langle 14\rangle)}{\langle 12\rangle\langle 1|2+4|3|^2\langle 2|1+3|4|}+
                                         \frac{\langle 16 \rangle \langle 14 \rangle \langle 6[14][24] \langle 46 \rangle - 8[12] \langle 36 \rangle [34] - 8 \langle 16 \rangle [14][12])}{\langle 56 \rangle \langle 1[2+4]3]^2 \langle 2[1+3]4]} +
                                \frac{[23]\langle 16\rangle (-14\langle 36\rangle \langle 24\rangle [24]\ldots \langle \langle 4\,\mathrm{terms}\rangle \ldots}{\langle 56\rangle \langle 1|2+4|3|^2\langle 2|1+3|4|}
                                                                                                                                                 .+14[14]\langle 46\rangle\langle 13\rangle)
                       (6|1+3|5](7/2[23]^2(34)(13)-3/2[12](14)^2[24]-5[23][12](14)(13))
                                                                                   \Delta_{13|24|56}\langle 1|2+4|3|^2
                                                                            \frac{5[25]\langle 16\rangle\langle 14\rangle[14]\langle 4|1+3|2]}{\Delta_{13|24|56}\langle 1|2+4|3]^2} +
                                                   \frac{[25]\langle 14\rangle(s_{\mbox{$124$}}\!-\!s_{\mbox{$234$}}\rangle(-1[23]\langle 36\rangle\!-\!4\langle 16\rangle[12])}{\Delta_{\mbox{$13$}}\!|24|56}\langle 1|2\!+\!4|3]^2} +
                                                       (24)[45](13)[14](-14[45](14)-22[35](13)) +
                                                                           (12)\overline{[56](1|2+4|3](2|1+3|4]^2}
                                                                                                          -10[45](24)
                                                                                                                                            -2[35](23))
                                                        [45][23]\langle 13\rangle\langle 23\rangle\langle -
                                                                           (12)[56](1|2+4|3](2|1+3|4]^2
                                                        \frac{9/2\langle 6|1+3|5]\langle 3|1+2|3][24]\langle 23\rangle(s_{\mbox{\bf 14}}-s_{\mbox{\bf 23}})}{\Delta_{\mbox{\bf 13}}|24|56}\langle 1|2+4|3]\langle 2|1+3|4]^2}+
\frac{(s_{14} - s_{23})(s_{123} - s_{134})(9/2|35|\langle 36\rangle|24|\langle 23\rangle \dots \langle \!\langle 3\, \text{terms} \rangle\!\rangle \dots - 4|14|[45]\langle 46\rangle\langle 13\rangle)}{\Delta_{13|24|56}\langle 1|2 + 4|3|\langle 2|1 + 3|4|^2} +
                                    \frac{[45][14](4[45]\langle 34\rangle\langle 14\rangle\ldots\langle 3\, terms\rangle\ldots + 24[15]\langle 14\rangle\langle 13\rangle)}{[56]\langle 1|2+4|3]\langle 2|1+3|4]^2} + \\
           \frac{[45]\langle 23\rangle (-24[13][25]\langle 13\rangle +24[35][12]\langle 13\rangle +20[23]\langle 34\rangle [45]-18[23][25]\langle 23\rangle )}{[56]\langle 1|2+4|3|\langle 2|1+3|4|^2}+
                                                                                      16[45][35]\langle 24\rangle\langle 13\rangle^2
                                                                          \frac{1}{\langle 12 \rangle^2 [56] \langle 1|2+4|3] \langle 2|1+3|4]} +
                                                   \frac{\langle 13 \rangle [45](-2[35]\langle 34 \rangle -18[25]\langle 24 \rangle -10}{\langle 12 \rangle [56]\langle 1|2+4|3]\langle 2|1+3|4|}
                                                                                                                                                 10[15](14))
                       -3/2\langle 1|2+3|4]\langle 6|1+\underline{3}|5](s_{12}+s_{14}+s_{23}+s_{34})\langle 3|2+4|1]\langle 4|1+3|2]_{+}
                                                                         \Delta^2_{13|24|56} \overline{\langle 1|2+4|3]\langle 2|1+3|4]}
                 -3/8\langle 1|3+4|2](s_{123}-s_{134})\langle 6|1+3|5](s_{12}+s_{14}+s_{23}+s_{34})\langle 3|2+4|1]_{+}
                                                                        \Delta^2_{13|24|56} \langle 1|2+4|3] \langle 2|1+3|4]
                 \frac{-3/8\langle 3|1+2|4]\langle 6|1+3|5](s_{124}-s_{234})(s_{12}+s_{14}+s_{23}+s_{34})\langle 4|1+3|2|}{\Delta^2_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4|}+
                      \frac{\langle 36 \rangle (s_{13} - s_{24}) \langle 46 \rangle (3[23][24] \langle 23 \rangle \ldots \langle \langle 3 \, \text{terms} \rangle \rangle \ldots}{\langle 56 \rangle \Delta_{13|24|56} \langle 1|2 + 4|3] \langle 2|1 + 3|4]}
                                                                                                                                                               +5[14](14)[24])
                      \frac{[25][35](s_{\mbox{$13$}} - s_{\mbox{$24$}})(-3\langle 34\rangle[24]\langle 23\rangle - 5[14]\langle 34\rangle\langle 13\rangle + 2\langle 23\rangle[12]\langle 13\rangle)}{[56]\Delta_{\mbox{$13$}} |24|56}\langle 1|2+4|3|\langle 2|1+3|4|} +
                \frac{131/4[14]^2[25]\langle 36\rangle\langle 14\rangle^2\ldots\langle 53\,\mathrm{terms}\rangle\ldots -4[12][25][23]\langle 13\rangle\langle 23\rangle\langle 26\rangle}{\Delta_{13}[24]56\langle 1|2+4|3]\langle 2|1+3|4]}+
                                                                                  \frac{-23\langle 36\rangle[24]\langle 46\rangle}{\langle 56\rangle\langle 1|2+4|3]\langle 2|1+3|4]} + \\
                                                                       (36)
                                                                                  \frac{\langle (-43[23]\langle 36\rangle + 17\langle 16\rangle[12])}{\langle 56\rangle\langle 1|2 + 4|3]\langle 2|1 + 3|4]} +
                                                                                  \frac{-6\langle 34\rangle[25][45]}{[56]\langle 1|2+4|3]\langle 2|1+3|4]} +
                                                                                  \frac{8[25]^2\langle 23\rangle}{[56]\langle 1|2+4|3]\langle 2|1+3|4]} +
                                                                           \frac{-9/2\langle 6|1+3|5][12][24]\langle 23\rangle^2}{\Delta_{13|24|56}\langle 2|1+3|4]^2} +
               \underline{\langle 36 \rangle (s_{123} - s_{134}) (-9/2[14][25]\langle 23 \rangle + 9/2[12][45]\langle 23 \rangle - 5/2[14]\langle 34 \rangle [45])}
                                                                                  \Delta_{13|24|56}\langle 2|1+3|4|^2
```