```
\frac{-23/6\langle 1|3+4|2]\langle 4|1+2|3](s_{124}-s_{234})\langle 16\rangle\langle 6|1+5|3]}{\langle 56\rangle\langle 1|2+4|3]^3\langle 2|1+4|3|}+
         \frac{[23]\langle 16\rangle\langle 26\rangle(-16/3[34]\langle 34\rangle[14][13]\langle 14\rangle^2\ldots\langle 14\,\mathrm{terms}\rangle\ldots-29/6[24]\langle 13\rangle[13]^2\langle 14\rangle\langle 24\rangle)}{\langle 56\rangle\langle 1|2+4|3|^2\langle 2|1+4|3|^2}+
                  (56)(1|2+4|3)^{2}(2|1+4|3)
                                        -13/24\langle 4|1+2|3|(s_{124}-s_{234})\langle 6|1+3|5][24](s_{14}-s_{23})\langle 13\rangle
                                                                       \Delta_{13|24|56}\langle 1|2+4|3|^2\langle 2|1+3|4|
                               \langle 24 \rangle [23] \langle 26 \rangle [35] (9[13] \langle 13 \rangle \langle 24 \rangle [24] \dots \langle 5 \text{ terms} \rangle \dots -9/2 \langle 34 \rangle^2 [34]^2)
                                                                                    (1|2+4|3](2|1+4|3|^3
                 (26)(-27/4(16)[13]^4(13)^3...(20 \text{ terms})...-97/12(26)[24](13)[14][13]^2(14)^2)_{\perp}
                                                                     (56)(1|2+4|3](2|1+4|3|^2(2|1+3|4]
                 (26)(19/2(36)[34][12][13]^2(14)^2...(40 \text{ terms})...-45/4[23][24]^2(46)[13](24)^2)
                                                                           [13]\langle 56\rangle\langle 1|2+4|3]\langle 2|1+4|3]^2
                     \frac{[35](7/6\langle34\rangle[14][45][13]\langle14\rangle^2\langle24\rangle\ldots\langle\!(9\,terms)\!)\ldots+51/4\langle24\rangle\langle34\rangle^3[35][34]^2)}{\langle24\rangle[56]\langle1|2+4|3]\langle2|1+4|3|^2}+
                                                                       \frac{23\rangle^2\ldots\langle\!\langle 32\,\mathrm{terms}\rangle\!\rangle\ldots-1/2\langle 36\rangle[34][23][35][12]\langle 23\rangle\langle 24\rangle}{[13]\langle 1|2+4|3]\langle 2|1+4|3|\langle 2|1+3|4|}+
                   23[23][35][24][13](46)(23)^{2}.
               \frac{\langle 26 \rangle (-123/8[24]\langle 46 \rangle (34)^2[34]^2 \ldots \langle 11\, terms \rangle \ldots -13/12\langle 36 \rangle [34]\langle 34 \rangle [24][13]\langle 14 \rangle)}{\langle 56 \rangle \langle 1[2+4]3]\langle 2[1+4]3|\langle 2[1+3]4]} + \\
                             (36)(-27/4(46)(34)^2[34]^3...(4 \text{ terms})...-27/4[24]^2(46)(24)^2[34])
                                                                      (56)(1|2+4|3)(2|1+4|3)(2|1+3|4)
                            -1417/12\langle 36 \rangle [13]^2 \langle 14 \rangle [25] \dots \langle 17 \text{ terms} \rangle \dots -1/2[23][45][12] \langle 46 \rangle \langle 24 \rangle
                                                                                 13 (1 2+4 3 (2 1 + 4 3
                     \frac{\langle 26 \rangle (-215/6 \langle 16 \rangle [12]^2 [13] \langle 14 \rangle \ldots \langle \! (6\, terms) \! \rangle \ldots + 803/24 [23] \langle 13 \rangle [12] \langle 46 \rangle [13] \rangle}{[13] \langle 56 \rangle \langle 1 | 2 + 4 | 3 | \langle 2 | 1 + 4 | 3 |} +
                        -49/24\langle34\rangle[45]\langle46\rangle[13]\langle14\rangle.
                                                                                 \frac{4}{\langle 24 \rangle \ldots \langle (8 \text{ terms}) \rangle \ldots -251/12[23]\langle 34 \rangle [35]\langle 46 \rangle \langle 23 \rangle}{\langle 24 \rangle \langle 1|2+4|3]\langle 2|1+4|3|} +
                          [35](383/12[14](14)(34)^{2}[35]..
                                                                            \frac{4\rangle^2[35]\ldots\langle\langle7\,\mathrm{terms}\rangle\rangle\ldots-26\langle12\rangle\langle34\rangle\langle24\rangle[12][25])}{\langle24\rangle[56]\langle1|2+4|3|\langle2|1+4|3|} +
                         \frac{\langle 36\rangle (-677/12\langle 46\rangle[13]\langle 14\rangle[24]\ldots\langle 3\, terms\rangle \ldots +781/24[23]\langle 46\rangle\langle 24\rangle[24])}{\langle 56\rangle\langle 1|2+4|3|\langle 2|1+4|3|} +
                                                       [12]\langle 16 \rangle \langle 46 \rangle (-53/24\langle 12 \rangle [12] + 163/8[13]\langle 13 \rangle)
                                                                                 (56)(1|2+4|3](2|1+4|3]
      [25](-35/12[15]\langle 14\rangle^2[14]-14[15]\langle 14\rangle[13]\langle 13\rangle+15/2[23]\langle 23\rangle\langle 24\rangle[25]+89/12[25]\langle 24\rangle^2[24])
                                                                                  56 (1 2+4 3 (2 1+4 3
                                                      \frac{-1/8\langle 4|1+2|3]\langle 6|1+3|5]\langle 13\rangle(s_{24}-s_{56})[14][12]}{[13]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]}+
                                                       \frac{1/4\langle 36\rangle\langle 1|3+4|2]\langle 3|1+2|4]\langle 46\rangle[13](s_{{\textstyle 24}}-s_{{\textstyle 13}})}{\langle 56\rangle\Delta_{{\textstyle 13}}|24|56}\langle 1|2+4|3]\langle 2|1+3|4]}+
                       \frac{\langle 36\rangle\langle 1|3+4|2]\langle 4|1+2|3](-1\langle 23\rangle[14][25]-5/24[45][12]\langle 23\rangle-3/2[45]\langle 34\rangle[14])}{\langle 1|2+4|3]\langle 2|1+3|4]\Delta_{13}[24|56}+
                [24]\langle 6|1+3|5|(-5/2\langle 14\rangle^2\langle 34\rangle[14]^2
                                                                         \frac{34\rangle[14|^2\ldots\langle\langle12\,\mathrm{terms}\rangle\ldots+17/24\langle23\rangle[23]\langle34\rangle\langle13\rangle[13]\rangle}{\langle1|2+4|3|\langle2|1+3|4|\Delta_{13}|24|56}+
                                                                        \frac{13)[45][13]\dots\langle\!\langle 10\, terms\rangle\!\rangle\dots + 31/24\langle 36\rangle\langle 23\rangle[24]\langle 13\rangle[13][25]\rangle}{\langle 1|2+4|3|\langle 2|1+3|4]\Delta_{13}|24|56} +
   (4|1+2|3](-29/12(36)(34)[24](13)[45][13]
          \frac{\langle 1|3+4|2|(-3/2\langle 36\rangle\langle 23\rangle\langle 24)|24||13||25|\dots\langle\!\langle 8\, terms\rangle\!\rangle\dots-17/24\langle 34\rangle[14|^2[45]\langle 46\rangle\langle 14\rangle)}{\langle 1|2+4|3|\langle 2|1+3|4|\Delta_{13}|24|56}+
\frac{\langle 6|1+3|5|(-7/24[23]\langle 34\rangle^2[24]+5/12[12]\langle 14\rangle\langle 34\rangle[24]+23/24[12][23]\langle 34\rangle\langle 13\rangle-1/6[12]^2\langle 14\rangle\langle 13\rangle)}{+}
                                                                                   \frac{12|(12-7)}{(1|2+4|3]}\Delta_{13|24|56}
                                                       (36)[25](4|1+2|3](-17/12[12](13)-2(34)[24])
```

 $\frac{[23]\langle 26\rangle[35]\langle 24\rangle(9\langle 34\rangle[14]-9[12]\langle 23\rangle)}{\langle 2|1+4|3]^3}+$   $(123456\to \overline{432165})$ 

 $\frac{\langle 1|2+4|3|\Delta_{13}|24|56}{\langle 1|3+4|2|(1/6\langle46\rangle\langle34\rangle[14]|25]\dots\langle3\text{terms})\dots+1/4[15]|12|\langle46\rangle\langle13\rangle)}{\langle 1|2+4|3|\Delta_{13}|24|56}\\ [12]\langle 14\rangle\langle-11/6\langle36\rangle[45]|12|\langle14\rangle-1/3\langle36\rangle[12]\langle13\rangle[35]+11/6\langle36\rangle\langle14\rangle[14]|25]+3/2\langle46\rangle\langle13\rangle[14]|25]\rangle}{\langle 1|2+4|3|\Delta_{13}|24|56}$