```
\frac{\langle 46 \rangle (2/3 \langle 23 \rangle [24] \langle 12 \rangle [34] [12] [35] \dots \sqrt[3]{17} \, \mathrm{terms} \rangle \dots -1 \langle 23 \rangle^2 [45] [23]^2 [34])}{\langle 12 \rangle^2 [13] [34]^2 \langle 56 \rangle [56] s_{123}} +
                                                                                      \frac{1/3\langle 46\rangle[14]\langle 1|2+3|5][12]^2}{[13][34]\langle 56\rangle[56]\langle 1|2+3|1]s_{123}} +
                             \frac{[12]^2\langle 46\rangle(13/3\langle 23\rangle[35][24]-13/3[13][45]\langle 13\rangle+13/3[35][14]\langle 13\rangle)}{[13][34]\langle 56\rangle[56]\langle 1[2+3]1]s_{123}}+
                                                   \frac{-1/4(s_{13}-s_{24})\langle 13\rangle(s_{123}-s_{234})[35]\langle 16\rangle\langle 3|1+4|2]}{\langle 14\rangle\langle 1|2+3|4]^2\langle 2|1+4|3]\Delta_{14|23|56}}+
                                                                                                \frac{1\langle 13\rangle^2[34][45]\langle 16\rangle\langle 34\rangle}{\langle 12\rangle^2\langle 14\rangle[14]\langle 1|2+3|4]^2} +
                                                                       \frac{-1/4\langle 13\rangle[25](s_{\textstyle 123} - s_{\textstyle 234})\langle 16\rangle\langle 3|1+4|2]}{\langle 14\rangle\langle 1|2+3|4]^2\Delta_{\textstyle 14|23|56}} +
                                                        \frac{-1/2\langle 3|1+2|3]\langle 6|1+4|5](s_{\mbox{$1$}\mbox{$24$}}-s_{\mbox{$13$}\mbox{$4$}})(s_{\mbox{$13$}}-s_{\mbox{$24$}})}{\langle 1|2+3|4]\langle 2|1+4|3]^2\Delta_{\mbox{$14$}\mbox{$23$}\mbox{$56$}}+
                       \frac{[13](-1\langle 12\rangle\langle 13\rangle[12][15]\langle 16\rangle\ldots\langle\!\langle 3\, terms\rangle\!\rangle\ldots-1\langle 12\rangle\langle 13\rangle[12][45]\langle 46\rangle)}{\langle 14\rangle[14\rangle\langle 24\rangle[34]\langle 1[2+3]4]\langle 2[1+4]3|}+
                                              \frac{-1/4\langle 26\rangle(s_{15}+s_{16}+s_{45}+s_{46})\langle 1|3+4|2]\langle 46\rangle\langle 3|1+4|2]}{\langle 14\rangle\langle 56\rangle\langle 1|2+3|4]\langle 2|1+4|3|\Delta_{14|23|56}}+
                                                                             \frac{-1(s_{13}-s_{24})\langle 13\rangle[35]\langle 46\rangle\langle 3|1+4|2]}{\langle 14\rangle\Delta_{14}|23|56}\langle 1|2+3|4]\langle 2|1+4|3]}{+}
                    \frac{\langle 3|1+4|2|(-3/8[15]\langle 16\rangle[12]\langle 12\rangle\ldots\langle\!\langle 6\,\mathrm{terms}\rangle\!\rangle\ldots-5/8[45][24]\langle 46\rangle\langle 24\rangle\rangle}{\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14}[23]56}+
                                                      \frac{[45]\langle 36\rangle(s_{\mbox{\bf 1}34} - s_{\mbox{\bf 1}24})(-1/2\langle 14\rangle[12] + 3/2[23]\langle 34\rangle)}{\langle 1|2 + 3|4]\langle 2|1 + 4|3]\Delta_{\mbox{\bf 1}4}|23|56} + \\
                                                                            \frac{1/2(s_{23}-s_{56})\langle 12\rangle[25]\langle 46\rangle\langle 3|1+4|2]}{\langle 14\rangle\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+
                                \frac{\langle 3|1+4|2](s_{23}-s_{56})(1/4|15|\langle 16\rangle|12]\langle 12\rangle+1/4|13]|45|\langle 46\rangle\langle 13\rangle\rangle}{\langle 14\rangle|14|\langle 1|2+3|4\rangle\langle 2|1+4|3|\Delta_{14}|23|56}+
              \frac{[12](-2\langle 26\rangle\langle 13\rangle^4[34][13]^2[35]\ldots\langle\!\langle 6\,\mathrm{terms}\rangle\!\rangle\ldots+2\langle 12\rangle\langle 13\rangle^3[13]^3[45]\langle 16\rangle)}{\langle 12\rangle^2[13]\langle 14\rangle[14][34]\langle 56\rangle[56]\langle 1|2+3|1]\langle 1|2+3|4]}+
\frac{2[24]\langle 12\rangle^3[12][13][45]\langle 46\rangle\langle 34\rangle\ldots\langle 46\,\mathrm{terms}\rangle\ldots+2\langle 14\rangle\langle 26\rangle\langle 12\rangle^2\langle 13\rangle\langle 12|^2[13][45]}{\langle 12\rangle^2[13]\langle 14\rangle[14]\langle 24\rangle[34]\langle 56\rangle[56]\langle 1[2+3]4]}+
                                                  \frac{[12]\langle 12\rangle[25]\langle -2[13]^2\langle 46\rangle\langle 13\rangle^2 + 2\langle 14\rangle\langle 26\rangle[12]^2\langle 12\rangle)}{[13]\langle 14\rangle\langle 24\rangle[34]\langle 56\rangle[56]\langle 1[2+3]1]\langle 1[2+3]4]} +
                                                                                               \frac{-1[25]\langle 46\rangle\langle 3|1+4|2]\langle 13\rangle}{\langle 14\rangle\Delta_{14}|23|56}\langle 1|2+3|4] +
                                                                                                         \frac{1/8\langle 3|1+4|2]\langle 36\rangle[25]}{\langle 1|2+3|4]\Delta_{14}|23|56} +
                                                                                                                \frac{2[13][35]\langle 36\rangle}{[34]\langle 2|1{+}4|3]^2} +
                                                                              \frac{-1/2[13]\langle 6|1+4|5](s_{{\small 124}}-s_{{\small 134}})\langle 34\rangle}{\langle 2|1+4|3]^2\Delta_{{\small 14}|23|56}}+
                                                                                                     \frac{2[13][45]\langle 36\rangle}{\langle 12\rangle[14][34]\langle 2|1{+}4|3]} +
                                                                                               \frac{1/2[35]\langle 46\rangle\langle 3|1+4|2]\langle 34\rangle}{\langle 14\rangle\Delta_{14|23|56}\langle 2|1+4|3]} + \\
                                                                                                    \frac{9/16\langle 3|1+4|2][15]\langle 46\rangle}{\langle 2|1+4|3]\Delta_{14|23|56}} +
                                                                                           \frac{109/36\langle 26\rangle[24]\langle 13\rangle[13][45]}{\langle 12\rangle^2[14][34]^2\langle 56\rangle[56]} +
               \begin{array}{c} -5\langle 14\rangle\langle 26\rangle\langle 13\rangle^2[13]^2[15]\ldots\langle\!\langle 32\,\mathrm{terms}\rangle\!\rangle\ldots +2\langle 23\rangle\langle 13\rangle\langle 34][13][35]\langle 46\rangle\langle 34\rangle \\ \langle 12\rangle^2[13]\langle 14\rangle[14]\langle 24\rangle[34]\langle 56\rangle[56] \end{array}
                                                                                     \frac{1/3\langle 26\rangle\langle 1|3+4|1][23][15][14]}{\langle 12\rangle[13][34]^2\langle 56\rangle[56]\langle 2|3+4|1]} +
                    \frac{[12](-1/3\langle 14\rangle\langle 26\rangle\langle 24\rangle[25][14]\ldots\langle\!\langle 6\,\mathrm{terms}\rangle\!\rangle\ldots-1/3}{\langle 12\rangle[13]\langle 24\rangle[34]\langle 56\rangle[56]\langle 1|2+3|1|}
                                                                                                                                                                                   -1/3(14)^{2}[15][14](26)
                        \frac{1/3\langle 14\rangle[24]\langle 1|3+4|1]\langle 6|1+5|4]\langle 24\rangle[12][15]}{\langle 12\rangle[13][34]\langle 56\rangle[56]\langle 4|2+3|4](\langle 3|2|5+6|1|3]-\langle 2|4|5+6|1|2])} +
                \frac{[15][12](1/3[13][23]\langle 26\rangle\langle 13\rangle^2\ldots\langle 3\,\text{terms}\rangle\ldots+1/3\langle 14\rangle\langle 26\rangle\langle 13\rangle[34][12])}{(12)[13][34]\langle 56\rangle[56]((3]2[5+6]1]3]-\langle 2[4|5+6]1[2]\rangle}+
                                \frac{\langle 13 \rangle [15][12](1/3[13]\langle 12 \rangle [25]-1/3[35][12]\langle 12 \rangle -1/3[35][24]\langle 24 \rangle)}{\langle 12 \rangle [13][34][56](\langle 3[2|5+6|1|3]-\langle 2|4|5+6|1|2])} + \\
                                                            \frac{1/3\langle 23\rangle\langle 13\rangle[23][12][15]^2}{[34][56]\langle 2]3+4[1](\langle 3]2[5+6[1]3]-\langle 2|4|5+6|1|2])}+
                                                                                                      (123456 \rightarrow \overline{432165}) +
             \frac{7/32(6|1+4|5](s_{25}+s_{26}+s_{35}+s_{36})(3|1+4|2](s_{123}-s_{234})(s_{124}-s_{134})}{2}
                                                                                        \Delta^2_{14|23|56}\langle 1|2+3|4]\langle 2|1+4|3]
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