```
\frac{-5/2\langle 46\rangle[45][12]\langle 13\rangle}{s_{123}\langle 1|2+4|3|\langle 2|1+3|4|} +
                            \frac{\langle 46 \rangle [12] (-3/2 \langle 12 \rangle [25] [14] \langle 14 \rangle \ldots \langle (5 \, \text{terms}) \ldots -3/2 [14] [35] \langle 14 \rangle \langle 13 \rangle)}{s_{123} \langle 1[2+4] 3] \langle 2[1+3] 4| \langle 4[1+2] 3|} +
                                                                                             \frac{-1\langle 4|1+3|2]\langle 46\rangle[12][35]\langle 14\rangle}{\langle 1|2+4|3]\langle 4|1+2|3]^2s_{122}} +
                                                                                                    \frac{-3/2\langle 46\rangle[25][12]\langle 14\rangle}{s_{123}\langle 1|2+4|3|\langle 4|1+2|3|} +
                                                                                           \frac{1[12][35]\langle 14\rangle\langle 26\rangle\langle 1|3+4|2]}{\langle 1|2+4|3|^2\langle 2|1+3|4]\langle 4|1+2|3|} +
                                                                \frac{-1/4(s_{12}-s_{34})\langle 16\rangle(s_{124}-s_{234})[45][12]\langle 14\rangle}{\Delta_{13|24|56}\langle 1|2+4|3]^2\langle 2|1+3|4]}+
                                                                                     \frac{\frac{1/4\langle 16\rangle(s_{124}-s_{234})[25][12]\langle 14\rangle}{\Delta_{13|24|56}\langle 1|2+4|3]^2}+
                                                                  \frac{\frac{1/4(s_{12}-s_{34})[45][12]\langle 13\rangle\langle 26\rangle(s_{123}-s_{134})}{\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]^2}+
                                                                                                          \frac{-1\langle 26\rangle[45][12]\langle 13\rangle}{\langle 1|2+4|3|\langle 2|1+3|4|^2} +
\frac{[12](3\langle26\rangle[12][35]\langle14\rangle+3/2[13][35]\langle36\rangle\langle14\rangle+5/2[13][45]\langle46\rangle\langle14\rangle-3/2\langle12\rangle\langle46\rangle[12][35])}{[13]\langle1[2+4]3]\langle2[1+3]4]\langle4[1+2]3]}+
                                            \frac{-3/32\langle 6|1+3|5][12]\langle 13\rangle(s_{\mathbf{25}}+s_{\mathbf{26}}+s_{\mathbf{45}}+s_{\mathbf{46}})(s_{\mathbf{12}}-s_{\mathbf{34}})^2}{\Delta^2_{\mathbf{13}|\mathbf{24}|\mathbf{56}}\langle 1|2+4|3]\langle 2|1+3|4]}+
                                                                                    \frac{1/8\langle 6|1+3|5][34][12]^2\langle 24\rangle\langle 13\rangle}{[13]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]} +
                                                                                 \frac{1/8\langle 6|1+3|5](s_{24}\!-\!s_{56})[12]\langle 14\rangle[14]}{[13]\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]}+
                                                                                \frac{-3/8(s_{24}\!-\!s_{56})\langle 46\rangle[12][35]\langle 13\rangle[14]}{[13]\Delta_{13|24|56}\langle 1|2\!+\!4|3]\langle 2|1\!+\!3|4]}+
                                \frac{[12]\langle 6|1+3|5](15/8\langle 12\rangle[24]\langle 34\rangle\ldots\langle\!\langle 4\,\mathrm{terms}\rangle\!\rangle\ldots-1/8\langle 23\rangle[23]\langle 13\rangle)}{\Delta_{13}|24|56}\langle 1|2+4|3]\langle 2|1+3|4|} +
                                                                 \frac{\langle 36\rangle[12](s_{12}-s_{34})(9/8[45]\langle 14\rangle+3/8\langle 12\rangle[25])}{\Delta_{13|24|56}\langle 1|2+4|3]\langle 2|1+3|4]}+
                            \frac{[12](3/8\langle46\rangle[35][14]\langle13\rangle^2\ldots\langle\!\{4\,\mathrm{terms}\}\!\}\ldots+3/4\langle12\rangle[25]\langle46\rangle\langle13\rangle[14])}{\Delta_{13}[24]56\langle1|2+4|3]\langle2|1+3|4]}+
                                                                                                       \frac{-3[15][12]\langle 16 \rangle}{[13]\langle 1|2+4|3]\langle 2|1+3|4|} +
                                                  \frac{-3/32\langle 6|1+3|5|\langle 4|1+3|2][12]\langle 13\rangle(s_{25}+s_{26}+s_{45}+s_{46})}{\Delta^2_{13|24|56}\langle 1|2+4|3]}+
                                                                                \frac{[25][12](-3/4\langle36\rangle\langle14\rangle+1/2\langle46\rangle\langle13\rangle)}{\Delta_{13}[24]56\langle1|2+4|3]}+
                                                                                                      \frac{3/2[15]\langle 46\rangle[12]}{[13]\langle 2|1+3|4]\langle 4|1+2|3]}+
                                                \frac{-3/32\langle 6|1+3|5][12]\langle 13\rangle\langle 3|2+4|1](s_{{\small 25}}+s_{{\small 26}}+s_{{\small 45}}+s_{{\small 46}})}{\Delta^2_{13|24|56}\langle 2|1+3|4]}+
                                                                                 \frac{\langle 36 \rangle [12] (-3/8 \langle 23 \rangle [25] + 3/2 [45] \langle 34 \rangle)}{\Delta_{13|24|56} \langle 2|1 + 3|4]}
```