```
\frac{-1/12[14]\langle 4|1+2|3]\langle 6|1+2|5](s_{{\small 12}}-s_{{\small 34}})(s_{{\small 123}}-s_{{\small 124}})}{\langle 12\rangle\langle 56\rangle\langle 56]\langle 2|3+4|1]\langle 3|1+2|4]\Delta_{12}|34|56}+
                                                                1/6[13]\langle 4|1+2|3]\langle 6|1+2|5](s_{12}-s_{34})
                                                                        \langle 12 \rangle \langle 56 \rangle [56] \langle 2|3+4|1] \Delta_{12|34|56}
                                                                          \frac{-1/3[13]\langle 6|1+2|5](s_{12}\!-\!s_{34})}{\langle 12\rangle\langle 56\rangle[56]\langle 2|3+4|1]\langle 3|1+2|4|}+
                                                                                                      2[15][23](46)
                                                                                                \frac{\overline{\langle 23 \rangle \langle 56 \rangle [56]} s_{234}}{\langle 23 \rangle \langle 56 \rangle [56]} +
                                                                                                  -1/3[15]^2[23]\langle 24 \rangle
                                                                                       \overline{\langle 23 \rangle [56] \langle 2|3+4|1]} s_{234}
                                                                                              2[15][23]^{2}\langle 24\rangle\langle 36\rangle
                                                                                 \overline{\langle 23 \rangle \langle 56 \rangle [56] \langle 3|2+4|3]} s_{234}
                                                             1/3\langle 24\rangle\langle 46\rangle\langle 2|1+3|4]([2|3|4|5]-[2|4|6|5])
                                                 (12)(23)^2(56)[56]((3|2|5+6|4|3]-(2|1|5+6|4|2]) +
                                                                        /3(24)^{2}[24](46)(2|1+3|4](6|1+5|2]
                                         \sqrt{(12)(23)^2(56)(2|3+4|2]((3|2|5+6|4|3]-(2|1|5+6|4|2])}
                                                                                                 -3(24)^{2}[25]^{2}[34]
                                                                                      \frac{1}{\langle 12\rangle\langle 23\rangle[56]\langle 2|5+6|2|^2}+
                                                                                                  3\langle34\rangle^2[34][35]^2
                                                                                      \frac{12}{\langle 12 \rangle \langle 23 \rangle [56] \langle 3 | 5 + 6 | 3]^2} +
                                                                                     -1/3\langle 12\rangle[15][23]\langle 24\rangle\langle 36\rangle
                                                                                \frac{12\langle 23\rangle^2\langle 56\rangle[56]\langle 2|3+4|2]}{\langle 12\rangle\langle 23\rangle^2\langle 56\rangle[56]\langle 2|3+4|2]}
                                                                                        \frac{3[23]\langle 26\rangle\langle 46\rangle}{\langle 12\rangle\langle 23\rangle\langle 56\rangle\langle 2|3+4|2|} +
                                                                                  \frac{1/3[23]\langle 24\rangle\langle 6|1+2|5|}{\langle 12\rangle\langle 23\rangle\langle 56\rangle[56]\langle 2|3+4|2|} +
                                                                                \frac{-1/3[15][23]\langle 24\rangle\langle 26\rangle}{\langle 12\rangle\langle 23\rangle\langle 2|3+4|1]\langle 2|3+4|2|}+
                                                                          \frac{1[15][23]\langle 24\rangle\langle 2|1+6|5]}{\langle 12\rangle\langle 23\rangle[56]\langle 2|3+4|1]\langle 2|3+4|2]} +
                                                                                \frac{2[23]\langle 24\rangle[25]\langle 26\rangle}{\langle 12\rangle\langle 23\rangle\langle 2|3+4|2]\langle 2|5+6|2|} +
                                                                                \frac{-2[13]\langle 24\rangle[25]\langle 26\rangle}{\langle 12\rangle\langle 23\rangle\langle 2|3+4|1]\langle 2|5+6|2|} +
                                                                                \frac{-1[15]\langle 24\rangle[34]\langle 46\rangle}{\langle 12\rangle\langle 23\rangle\langle 2|3+4|1]\langle 2|5+6|2|}+
                                                                          \frac{1\langle 24\rangle[34]\langle 46\rangle\langle 6|2+5|1]}{\langle 12\rangle\langle 23\rangle\langle 56\rangle\langle 2|3+4|1|\langle 2|5+6|2|} +
                                                                          \frac{-1[15]\langle 24 \rangle^{2}[25][34]}{\langle 12 \rangle \langle 23 \rangle [56]\langle 2|3+4|1]\langle 2|5+6|2|} +
                                                                          \frac{2[13][23]\langle 34\rangle[35]\langle 36\rangle}{\langle 23\rangle\langle 56\rangle[56]\langle 3|2+4|3|\langle 3|5+6|3|} +
                                                                                \frac{-3\langle 34\rangle[34][35]\langle 36\rangle}{\langle 12\rangle\langle 23\rangle\langle 3|5+6|3|\langle 3|1+2|4|} +
                                                                         \frac{1\langle 34\rangle[34]^2\langle 36\rangle\langle 46\rangle}{\langle 12\rangle\langle 23\rangle\langle 56\rangle\langle 3|5+6|3]\langle 3|1+2|4|}+
                                                                          \frac{1\langle 34\rangle^2[34][35][45]}{\langle 12\rangle\langle 23\rangle[56]\langle 3|5+6|3]\langle 3|1+2|4]} +
                                                                                                   -1/3[13](26)(46)
                                                                                        \langle 12 \rangle \langle 23 \rangle \langle 56 \rangle \langle 2 | 3+4 | 1 |
                                                                                                     4/3[15](24)[35]
                                                                                         \frac{\sqrt{323}\sqrt{56}\sqrt{23+4}}{\sqrt{12}\sqrt{23}\sqrt{56}\sqrt{23+4}}
                                  \frac{\langle 24 \rangle (-1/3[13][45]\langle 46 \rangle + 1/3[13][35]\langle 36 \rangle + 2/3[14][35]\langle 46 \rangle)}{\langle 12 \rangle \langle 23 \rangle \langle 56 \rangle [56]\langle 2[3+4]1]} +
                                                                                               \frac{1/3[35]\langle 36\rangle}{\langle 12\rangle\langle 23\rangle\langle 3|1+2|4|} +
                                                                                        \frac{-2/3[34]\langle36\rangle\langle46\rangle}{\langle12\rangle\langle23\rangle\langle56\rangle\langle3|1+2|4|} +
                                                                                        \frac{5/3\langle34\rangle[35][45]}{\langle12\rangle\langle23\rangle[56]\langle3]1{+}2|4]}{+}
                                                                                                 \frac{1/3[35]\langle 46\rangle}{\langle 12\rangle\langle 23\rangle\langle 56\rangle[56]} +
\frac{1/3[35]\langle 36\rangle^2[36]+1/3\langle 35\rangle[35]^2\langle 36\rangle+1/3\langle 34\rangle[34][35]\langle 36\rangle-1/3\langle 34\rangle[34][45]\langle 46\rangle}{\langle 12\rangle\langle 23\rangle\langle 56\rangle[56]\langle 3]1+2|4|}
```