```
1/3(12)[15]^{2}[23]^{2}(34)(56)
           (23)((2|3|5+6|1|2]-(3|4|5+6|1|3])^{2}
                              -2/3[15][23]\langle 46 \rangle
            \langle 23 \rangle (\langle 2|3|5+6|1|2]-\langle 3|4|5+6|1|3|)
                       1\langle 14\rangle[15]^{2}[23]\langle 3|1+2|3]
\langle 13 \rangle [13] \langle 23 \rangle [56] (\langle 2|3|5+6|1|2] - \langle 3|4|5+6|1|3])
                        \frac{-1/3[13][15]\langle 34\rangle\langle 46\rangle}{\langle 23\rangle^2\langle 56\rangle[56]\langle 4|2+3|1|} +
                        -2[12]\langle 14 \rangle \langle 16 \rangle [23][35]
                   \overline{\langle 13 \rangle^2 [13] \langle 56 \rangle [56] \langle 1|2+4|3|}^+
                        \frac{1/3\langle 6|1+5|2]\langle 2|1+3|5]}{\langle 23\rangle^2\langle 56\rangle[56]\langle 1|2+3|4]} +
                          -1\langle 1|2+3|5|\langle 6|1+5|2|
                     \overline{\langle 13 \rangle \langle 23 \rangle \langle 56 \rangle [56] \langle 1|2+3|4|} +
                         2\langle 12\rangle[12][23][25]\langle 46\rangle
                        \langle 13 \rangle^2 [13] \langle 56 \rangle [56] s_{123}
                      -1/3[15]\langle \underline{46}\rangle (s_{12}-s_{13})
                          (23)^2(56)[56]s_{123}
                              2[12][23][35](46)
                         \langle 13 \rangle [13] \langle 56 \rangle [56] s_{123}
                              1\langle 12\rangle[12][25]\langle 46\rangle
                        \langle 13 \rangle \langle 23 \rangle \langle 56 \rangle [56] s_{123}
               \langle 46 \rangle (-1/3[13][25]+2/3[12][35])
                             (23)(56)[56]s<sub>123</sub>
```