```
6(24)^{2}[25]^{2}
            \langle 12 \rangle \langle 23 \rangle \langle 34 \rangle [56] \langle 2|5+6|2] +
                                6(34)[35]^2
                 \overline{\langle 12 \rangle \langle 23 \rangle [56] \langle 3|5+6|3|}^+
                        1(12)[12][15](46)
                \frac{1}{\langle 23 \rangle^2 \langle 56 \rangle [56] \langle 1|2+3|1|} +
                1\langle 13\rangle[13]^2\langle 14\rangle[15]\langle 16\rangle
(12)(23)(56)[56](1|2+3|1](1|5+6|1)
       \frac{-6\langle 14\rangle[15]\langle 16\rangle\langle 4|2+3|1]}{\langle 12\rangle\langle 23\rangle\langle 34\rangle\langle 56\rangle[56]\langle 1|5+6|1]} +
            \frac{1[13]\langle 14\rangle[15]\langle 16\rangle}{\langle 12\rangle\langle 23\rangle\langle 56\rangle[56]\langle 1|5+6|1]} +
                        1[14]\langle 34\rangle[35]\langle 46\rangle
                \frac{1}{(23)^2(56)[56](4|5+6|4|)}
         -1[14]\langle 34\rangle[34]\langle 46\rangle\langle 4|2+3|5]
   \overline{\langle 23 \rangle^2 \langle 56 \rangle [56] \langle 4|2+3|4] \langle 4|5+6|4]}
                       1[15](34)[34](46)
               \overline{\langle 23 \rangle^2 \langle 56 \rangle [56] \langle 4|2+3|4|}^+
                            \frac{1[15]\langle 46 \rangle}{\langle 23 \rangle^2 \langle 56 \rangle [56]} +
                         -6(46)(4|2+3|5|
                  \langle 12 \rangle \langle 23 \rangle \langle 34 \rangle \langle 56 \rangle [56]
```