```
\frac{-1/6\langle 12\rangle\langle 13\rangle[15]^2[23]^2}{\langle 23\rangle[56]\langle 1|2+3|1]^2\langle 1|2+3|4]} + \\
                                                          \frac{-3\langle 34\rangle[35]^2s_{{\textstyle 123}}}{\langle 12\rangle\langle 23\rangle[56]\langle 3|5{+}6|3]^2} +
                                              \frac{1/6[23]\langle 34\rangle[45]\langle 46\rangle\langle 2|1+3|4]}{\langle 23\rangle^2\langle 1|2+3|4]\langle 4|5+6|4|^2} +
                                               \frac{4/3[12]\langle 23\rangle\langle 34\rangle[35]^2}{\langle 23\rangle^2[56]\langle 3|1+2|3]\langle 3|5+6|3|} +
                                   \frac{[23][15](1/3\langle13\rangle[35]+2/3\langle12\rangle[25])}{\langle23\rangle[56]\langle1|2+3|1]\langle1|2+3|4|}+
                                               \frac{1/2\langle 12\rangle\langle 13\rangle[15]^2[23]}{\langle 23\rangle^2[56]\langle 1|2+3|1]\langle 1|2+3|4|} +
                                                                     \frac{2[35]\langle 46\rangle}{\langle 12\rangle\langle 23\rangle\langle 3|5+6|3]} +
                                                 \frac{1[35]\langle 36\rangle s_{123}}{\langle 12\rangle\langle 23\rangle\langle 3|5+6|3]\langle 3|1+2|4|} +
                                                 \frac{2/3\langle12\rangle[12][35]\langle36\rangle}{\langle12\rangle\langle23\rangle\langle3[5+6]3]\langle3[1+2|4]} +
                                          \frac{-1\langle 34\rangle[35][45]s_{\textstyle 123}}{\langle 12\rangle\langle 23\rangle[56]\langle 3|5+6|3]\langle 3|1+2|4|} +
                                                          \frac{2\langle 23\rangle[25]\langle 34\rangle[35]}{\langle 13\rangle\langle 23\rangle^2[56]\langle 3|5+6|3]}
                                         \frac{-1[34]\langle 36\rangle\langle 46\rangle s_{123}}{\langle 12\rangle\langle 23\rangle\langle 56\rangle\langle 3|5+6|3]\langle 3|1+2|4|} +
                                                   \frac{2\langle 14\rangle[34]\langle 36\rangle\langle 46\rangle}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 56\rangle\langle 3|5+6|3|} +
                                                                            \frac{2\langle 36\rangle\langle 46\rangle}{\langle 13\rangle\langle 23\rangle^2\langle 56\rangle} +
                                                            \frac{1/3\langle12\rangle[25]\langle46\rangle}{\langle12\rangle\langle23\rangle\langle34\rangle\langle1|2+3|4|} +
                                                           \frac{-1/3\langle36\rangle\langle4|1+2|5]}{\langle12\rangle\langle23\rangle\langle34\rangle\langle3|1+2|4|} +
                                         \frac{1/3\langle12\rangle[12]\langle14\rangle\langle36\rangle[45]}{\langle12\rangle\langle23\rangle\langle34\rangle\langle1|2+3|4]\langle3|1+2|4]} +
\frac{-1/3[12][13]\langle 24\rangle\langle 46\rangle^2\langle 1|2+3|4|}{\langle 12\rangle\langle 23\rangle\langle 56\rangle\langle 4|2+3|1](\langle 3|2|5+6|4|3]-\langle 2|1|5+6|4|2|)}+
                                                          \frac{-1/3[23][45]\langle 46\rangle}{\langle 23\rangle\langle 1|2+3|4]\langle 4|5+6|4]} +
                                                       \frac{1/2\langle 24\rangle[45]\langle 6|1+5|2]}{\langle 23\rangle^2\langle 1|2+3|4]\langle 4|5+6|4]} +
                                                       \frac{1/2[23]\langle 36\rangle\langle 46\rangle\langle 2|1+3|4]}{\langle 23\rangle^2\langle 56\rangle\langle 1|2+3|4]s_{123}} +
                                                      \frac{1/2[13]\langle 34\rangle[45]\langle 46\rangle\langle 56\rangle}{\langle 23\rangle^2\langle 56\rangle\langle 4|5+6|4]s_{123}} + \\
                                                                    \frac{1/3[45]\langle 46\rangle}{\langle 12\rangle\langle 23\rangle\langle 3|1+2|4]} +
                                                                     \frac{2/3[35]\langle 36\rangle}{\langle 12\rangle\langle 23\rangle\langle 3|1+2|4|} +
                               \frac{[45]\langle 16\rangle (-1/3\langle 34\rangle [34]-1/3\langle 12\rangle [12])}{\langle 12\rangle \langle 23\rangle \langle 1|2+3|4]\langle 3|1+2|4]}+
                                                 \frac{1/3[45]\langle 46\rangle s_{\textstyle 123}}{\langle 12\rangle\langle 23\rangle\langle 3|1+2|4]\langle 4|5+6|4|} +
                                          \frac{-1/3\langle 34\rangle[45]^2\langle 1|2\!+\!4|3]}{\langle 12\rangle\langle 23\rangle[56]\langle 1|2\!+\!3|4]\langle 3|1\!+\!2|4]} +
                                                       \frac{-1/2\langle 14\rangle[14][45]\langle 46\rangle}{\langle 23\rangle^2\langle 1|2+3|4]\langle 4|5+6|4]}
                  \frac{-1/3[15]^2[23]\langle 34\rangle s_{\textstyle 123}}{[12]\langle 23\rangle^2[56](\langle 2|3|5+6|1|2]-\langle 3|4|5+6|1|3])}+
                   \frac{-1/3[23]\langle 24\rangle\langle 46\rangle\langle 6|1+3|4]}{\langle 12\rangle\langle 23\rangle\langle 56\rangle\langle (3|2|5+6|4|3|-\langle 2|1|5+6|4|2|)} +
                 \frac{1/3\langle24\rangle[24]\langle26\rangle\langle46\rangle\langle1|2+3|1]}{\langle12\rangle\langle23\rangle^2\langle56\rangle(\langle3|2|5+6|4|3]-\langle2|1|5+6|4|2])} +
                                                                            \frac{-5/3\langle 26\rangle\langle 46\rangle}{\langle 12\rangle\langle 23\rangle^2\langle 56\rangle}
                                                           \frac{1/3[15][25]s_{123}}{[12]\langle 23\rangle^2[56]\langle 1|2+3|4]} +
                                                                          \frac{-1/3\langle 6|1+4|5]}{\langle 23\rangle^2\langle 1|2+3|4]}+
                                                                  \frac{1/3[45]\langle 4|1+6|5]}{\langle 23\rangle^2[56]\langle 1|2+3|4]} +
                                                                           \frac{1/2[45]\langle 46 \rangle}{\langle 23 \rangle^2 \langle 1|2+3|4|} +
                                                                 \frac{1/2[23]\langle 26\rangle\langle 36\rangle}{\langle 23\rangle^2\langle 56\rangle\langle 1|2+3|4]}
```