```
\frac{-3/2\langle 34\rangle\langle 3|1+2|3]\langle 36\rangle^2 s_{123}}{/12\rangle\langle 23\rangle\langle 56\rangle\langle 3|5+6|3|3} +
                                                                                                                                                                                                                                                                                                                                                                          \frac{[34]\langle 34 \rangle \langle 36 \rangle s_{123}(3/4\langle 23 \rangle \langle 46 \rangle + 1/2\langle 24 \rangle \langle 36 \rangle)}{\langle 12 \rangle \langle 23 \rangle \langle 56 \rangle \langle 2|1+4|3|/3|5+6|3|^2} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   \frac{1/4\langle 34\rangle^2[35][45]s_{123}}{\langle 12\rangle[56]\langle 2|1+4|3]\langle 3|5+6|3|^2}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                \frac{-1/4\langle 34\rangle\langle 36\rangle^2 s_{123}}{\langle 12\rangle\langle 23\rangle\langle 56\rangle\langle 3|5+6|3|^2} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                \frac{3\langle 34\rangle[35]s_{123}\langle 26\rangle[13]}{\langle 2|1\pm 4|3|3/3|5\pm 6|3|} +
                                                                                                                                                                                                                                                                                                                                                                             \frac{[34]\langle 34\rangle\langle 26\rangle s_{\textstyle 123}(-3/2\langle 23\rangle\langle 46\rangle+2\langle 24\rangle\langle 36\rangle)}{\langle 12\rangle\langle 23\rangle\langle 56\rangle\langle 2|1+4|3|^2\langle 3|5+6|3|}+
                                                                                                                                                                                                                                                                                                                                                                                               \frac{\langle 34 \rangle [35] s_{\mbox{\bf 123}} (-1/2 \langle 24 \rangle [45] - 1/2 \langle 23 \rangle [35])}{\langle 12 \rangle [56] \langle 2|1 + 4|3|^2 \langle 3|5 + 6|3|} +
                                                                                                                                                                          \frac{\langle 46 \rangle (-3/4 \langle 24 \rangle \langle 34 \rangle [14] \langle 12 \rangle \langle 36 \rangle [13] \ldots \langle \! \{5\, terms \} \! \rangle \ldots + 3 \langle 24 \rangle^2 \langle 36 \rangle [13] \langle 23 \rangle [24])}{\langle 12 \rangle [13] \langle 23 \rangle \langle 24 \rangle \langle 56 \rangle \langle 2] 1 + 4 |3| \langle 3|5 + 6|3|} + \frac{\langle 46 \rangle (-3/4 \langle 24 \rangle \langle 34 \rangle [14] \langle 12 \rangle \langle 34 \rangle \langle 3
                                                                                                                                                                                                   \frac{-5/4[13]\langle 34\rangle\langle 4|5+6|4]\langle 46\rangle^2}{\langle 24\rangle\langle 56\rangle\langle 2|1+4|3]\langle 3|5+6|3]\langle 4|1+2|3|} +
                                                                                                                                                        \frac{\langle 34 \rangle \langle 46 \rangle (-3/4 \langle 24 \rangle \langle 36 \rangle [14] + 5/4 [13] \langle 23 \rangle \langle 36 \rangle - 9/4 [14] \langle 23 \rangle \langle 46 \rangle + 3/4 \langle 26 \rangle \langle 23 \rangle [12])}{\langle 12 \rangle [13] \langle 23 \rangle \langle 24 \rangle \langle 56 \rangle \langle 3|5 + 6|3|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                           \frac{\langle 36\rangle\langle 34\rangle(-2[13]\langle 36\rangle+9/4\langle 26\rangle[12])}{\langle 12\rangle[13]\langle 23\rangle\langle 56\rangle\langle 3|5+6|3]}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     \frac{9/4\langle34\rangle^{2}[15][45]}{\langle12\rangle[13]\langle23\rangle[56]\langle3|5+6|3|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \frac{17/4\langle34\rangle^2[15][35]}{\langle12\rangle[13]\langle24\rangle[56]\langle3|5+6|3|} +
                                                                                                                                                                                                                                                                                                                                     \frac{\langle 34\rangle \langle 46\rangle^2 (-5/4[13]\langle 13\rangle -5/4\langle 23\rangle [23] +3/4\langle 12\rangle [12])}{\langle 12\rangle \langle 24\rangle \langle 56\rangle \langle 3|5+6|3|\langle 4|1+2|3|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            \frac{1\langle 26\rangle^2\langle 34\rangle s_{123}}{\langle 12\rangle\langle 23\rangle\langle 56\rangle\langle 2|1+4|3|^2} +
                                                                                                                                                                                                                                                             \frac{\langle 46 \rangle (11/2 \langle 24 \rangle \langle 23 \rangle [13] \langle 36 \rangle - 5/4 [13] \langle 23 \rangle^2 \langle 46 \rangle - 3 \langle 24 \rangle^2 \langle 36 \rangle [14])}{\langle 12 \rangle [13] \langle 23 \rangle \langle 24 \rangle \langle 56 \rangle \langle 2[1+4]3]} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       \frac{-17/4\langle 24\rangle\langle 36\rangle^2}{\langle 12\rangle\langle 23\rangle\langle 56\rangle\langle 2|1+4|3|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                         \frac{-115/72\langle 24\rangle\langle 13\rangle[15]^2[12]^2}{[13]^2\langle 23\rangle[56]\langle 1|2+3|1]\langle 1|5+6|1|} +
                                                                                                                                                                                                                            \frac{[12]\langle 16 \rangle (-2[14]^2 \langle 12 \rangle \langle 46 \rangle \langle 34 \rangle \dots \langle \! \langle 7\, terms \rangle \! \! \rangle \dots -2 \langle 26 \rangle \langle 12 \rangle \langle 23 \rangle [12]^2)}{\langle 12 \rangle [13]^2 \langle 23 \rangle \langle 56 \rangle \langle 1[5+6]1] \langle 1[2+3]4|} +
                                                                                                                                                    \frac{\langle 46 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle^2 [13] [23] [24] \dots \langle (23 \, \text{terms}) \dots -1/2 [14]^2 \langle 13 \rangle \langle 12 \rangle \langle 46 \rangle [12] \rangle}{\langle 12 \rangle [13]^2 \langle 23 \rangle \langle 56 \rangle \langle 1 | 2+3 | 4 | \langle 4 | 2+3 | 4 |} + \frac{\langle 46 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle^2 [13] (24) \langle 46 \rangle (12) \rangle}{\langle 12 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle^2 [13] (24) \langle 46 \rangle (12) \rangle} + \frac{\langle 46 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle^2 [13] (24) \langle 46 \rangle (12) \rangle}{\langle 12 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle^2 [13] (24) \langle 46 \rangle (12) \rangle} + \frac{\langle 46 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle^2 [13] (24) \langle 46 \rangle (12) \rangle}{\langle 12 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle^2 [13] (24) \langle 46 \rangle (12) \rangle} + \frac{\langle 46 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle^2 [13] (24) \langle 46 \rangle (12) \rangle}{\langle 12 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle^2 [13] (24) \langle 46 \rangle (12) \rangle} + \frac{\langle 46 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle^2 [13] (24) \langle 46 \rangle (12) \rangle}{\langle 12 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle^2 [13] (24) \langle 46 \rangle (12) \rangle} + \frac{\langle 46 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle \langle 46 \rangle (12) \rangle}{\langle 12 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle \langle 46 \rangle (12) \rangle} + \frac{\langle 46 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle \langle 46 \rangle (12) \rangle}{\langle 12 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle \langle 46 \rangle (12) \rangle} + \frac{\langle 46 \rangle (-41/12 \langle 36 \rangle \langle 23 \rangle \langle 46 \rangle \langle 46
                                                                                                                                                    \frac{[45](-115/72\langle34\rangle^{2}[35][13]\langle23\rangle[24]\ldots\langle14\,\mathrm{terms}\rangle\ldots+1/2[14]\langle34\rangle^{2}\langle12\rangle[13][25])}{\langle12\rangle\langle13\rangle^{2}\langle23\rangle\langle56|\langle1|2+3|4\rangle\langle4|2+3|4|}+
                                                                                                                                                                                                                                                                                                                                                                                                                                \frac{-1/2[45]\langle 14\rangle^2[15][34][12]^2}{\langle 12\rangle[13]^2[23][56]\langle 1|2+3|4]\langle 4|2+3|4|} + \\
                                                                                                                                                                                                                         \frac{[45](2\langle24\rangle\langle34\rangle^2[14][35][24]\dots (\!(7\,terms)\!)\dots +1/2(13)\langle34\rangle^2[13]^2[45])}{\langle12\rangle[13]^2(23)[56]\langle1|2+3|4]\langle4|5+6|4]} + \frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{2}(23)\frac{1}{
                                                                                                                           \frac{\langle 34\rangle \langle 46\rangle (-1/12\langle 24\rangle [34]\langle 36\rangle [13]\langle 23\rangle [12]\ldots \langle \!\langle 8\, terms\rangle\!\rangle\ldots +2[14]\langle 12\rangle \langle 46\rangle [13]\langle 23\rangle [12])}{\langle 12\rangle \langle 13\rangle^2 \langle 23\rangle \langle 24\rangle \langle 56\rangle \langle 4|2+3|4\rangle \langle 4|5+6|4|}+\frac{\langle 12\rangle \langle 13\rangle \langle 24\rangle \langle 13\rangle \langle 24\rangle \langle 12\rangle \langle 13\rangle \langle 12\rangle \langle 13\rangle \langle 12\rangle \langle 13\rangle \langle 13
                                                                                                                                                                                                                                       \frac{\langle 46 \rangle (65/12[13]\langle 34 \rangle \langle 36 \rangle [14] \dots \langle 3 \text{ terms} \rangle \dots + 7/2 \langle 24 \rangle \langle 36 \rangle [12][14])}{\langle 12 \rangle [13]^2 \langle 23 \rangle \langle 56 \rangle \langle 4|2+3|4|} +
                                                                                                                                                                                                                                       \frac{\langle 36 \rangle (1 \langle 24 \rangle \langle 26 \rangle [12]^2 + 41/12[13]^2 \langle 34 \rangle \langle 36 \rangle + 53/12 \langle 24 \rangle [13] \langle 36 \rangle [12])}{\langle 12 \rangle \langle 13 \rangle \langle \rangle \langle 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                  \frac{\langle 34 \rangle [15][35](2[14]\langle 34 \rangle + 2\langle 23 \rangle [12])}{\langle 12 \rangle [13]^2 \langle 23 \rangle [56]\langle 4|2+3|4|} +
                                                                                                                                                                                                                                                                                                                                                                                 \frac{\langle 34 \rangle [15][45](325/72[13]\langle 34 \rangle - 7/72\langle 24 \rangle [12])}{\langle 12 \rangle [13]^2/23 \rangle [56]\langle 4|2+3|4]} +
                                                                                                                                                                                                                                                                               \frac{[15][25](-83/12[13]\langle 34\rangle\langle 23\rangle+2\langle 24\rangle\langle 34\rangle[14]+1\langle 24\rangle\langle 23\rangle[12])}{\langle 12\rangle[13]^2\langle 23\rangle[56]\langle 4|2+3|4|}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                      \frac{-61/9\langle 24\rangle\langle 46\rangle^2[34][12]^2}{\langle 12\rangle[13]^2\langle 56\rangle\langle 4|1+2|3|\langle 4|5+6|4|} +
                                                                                                                                                                                                                                                  \frac{\langle 46 \rangle (2\langle 24 \rangle \langle 34 \rangle \langle 46 \rangle [14]^2 \ldots \langle \! \langle 5\, \text{terms} \rangle \! \ldots + 3/2[13] \langle 23 \rangle^2 \langle 46 \rangle [12])}{\langle 12 \rangle [13]^2 \langle 23 \rangle \langle 24 \rangle \langle 56 \rangle \langle 4|5 + 6|4|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                    \frac{-47/36\langle 13\rangle^2[23][15]^2[12]}{[13][56]\langle 1|2+3|1]\langle 1|5+6|1]\langle 1|2+3|4|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \tfrac{-41/12\langle13\rangle^2[15]^2[12]}{|13|\langle23\rangle|56|\langle1|2+3|1|\langle1|2+3|4|} +
                                                                                                                                                                                                                                                                                                     \frac{\langle 24\rangle\langle 13\rangle\langle 16\rangle[12][24](-151/72[13]\langle 36\rangle-115/72[14]\langle 46\rangle)}{\langle 12\rangle[13]\langle 23\rangle[23]\langle 56\rangle\langle 1|5+6|1|\langle 1|2+3|4|}+
\frac{[12]\langle 16\rangle (-35/12[13]\langle 13\rangle \langle 46\rangle [24]+41/12[13]\langle 13\rangle [12]\langle 16\rangle +151/72[13]\langle 36\rangle \langle 14\rangle [24]+1/2[14]\langle 16\rangle [12]\langle 14\rangle)}{(12)[13][23]\langle 56\rangle \langle 1[5+6]1\rangle (1[2+3]4]}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    \frac{47/36\langle13\rangle^{2}[15][12][35]}{\langle12\rangle[13][56]\langle1|5+6|1]\langle1|2+3|4]} +
                                                                                                                                                                                                                                                                                                                                                               \frac{\langle 34 \rangle [12] \langle 16 \rangle (151/72[13] \langle 36 \rangle + 115/72[14] \langle 46 \rangle)}{\langle 12 \rangle [13] \langle 23 \rangle [23] \langle 56 \rangle \langle 1|5+6|1|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \frac{-115/72\langle 46\rangle[12]^2\langle 16\rangle}{\langle 12\rangle[13][23]\langle 56\rangle\langle 1|5+6|1|} +
                                                                               \frac{\langle 46 \rangle [24][12](-5/2\langle 13 \rangle \langle 46 \rangle [34]-151/72[34]\langle 36 \rangle \langle 14 \rangle -115/72\langle 26 \rangle \langle 14 \rangle [24]-1/2[14]\langle 16 \rangle \langle 14 \rangle )}{\langle 12 \rangle [13][23]\langle 56 \rangle \langle 1[2+3]4]\langle 4[2+3]4|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                             \frac{41/12\langle 3|1+2|3]\langle 46\rangle\langle 36\rangle[24]}{\langle 12\rangle[13]\langle 56\rangle\langle 1|2+3|4|\langle 4|5+6|4|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \frac{41/12\langle 46\rangle\langle 6|1{+}4|2][12][24]}{[13][23]\langle 56\rangle\langle 1|2{+}3|4]\langle 4|5{+}6|4]}{+}
                                                                                                                                                                                     \frac{[14]\langle 34\rangle^2\langle 46\rangle(-5/2[14]\langle 34\rangle[13]\langle 46\rangle-1/2[13]^2\langle 34\rangle\langle 36\rangle+1/2\langle 24\rangle\langle 26\rangle[12]^2)}{[13]\langle 23\rangle\langle 24\rangle\langle 56\rangle\langle 4[2+3]1]\langle 4[2+3]4|\langle 4[5+6]4]}+
                                                                                                                                                                                                                                                                                                                                                                                                                                       \tfrac{2[14]\langle 34\rangle^2[45]\langle 4|1+6|5]}{\langle 12\rangle[13]\langle 23\rangle[56]\langle 4|2+3|4]\langle 4|5+6|4|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \frac{67/8\langle 46\rangle^{2}[12][24]}{\langle 12\rangle[13][23]\langle 56\rangle\langle 4|2+3|4|} +
                                                                                                                                                                                                                                                                           \frac{\langle 46\rangle(3/2\langle 23\rangle\langle 46\rangle[12]-131/18[14]\langle 34\rangle\langle 46\rangle-1/2[13]\langle 34\rangle\langle 36\rangle)}{\langle 12\rangle[13]\langle 24\rangle\langle 56\rangle\langle 4[2+3]4]}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \frac{-41/12\langle 46\rangle\langle 6|1+4|2][12]}{\langle 12\rangle[13][23]\langle 56\rangle\langle 4|5+6|4|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                \frac{-47/36[45]\langle 14\rangle\langle 13\rangle^2[15][12]}{\langle 12\rangle[56]\langle 1|2+3|1]\langle 1|5+6|1]\langle 1|2+3|4|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                             \frac{151/72\langle 34\rangle\langle 13\rangle^{2}[15]^{2}}{\langle 12\rangle\langle 23\rangle[56]\langle 1|2+3|1|\langle 1|5+6|1|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \frac{-35/12\langle 14\rangle\langle 13\rangle[15][25][12]}{\langle 12\rangle[23][56]\langle 1|2+3|1|\langle 1|5+6|1|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                    \frac{151/72\langle34\rangle\langle13\rangle[24]\langle16\rangle\langle6|2+5|1]}{\langle12\rangle\langle23\rangle[23]\langle56\rangle\langle1|5+6|1]\langle1|2+3|4]} +
                                                                                                                                                                                                                                                                                                                                                                                                                                       \frac{1/2[14]\langle 34\rangle^2\langle 16\rangle\langle 46\rangle[12]}{\langle 12\rangle\langle 23\rangle[23]\langle 56\rangle\langle 1|5+6|1|\langle 4|2+3|1|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \frac{-1/2\langle 34 \rangle \langle 46 \rangle [12]^2 \langle 16 \rangle}{\langle 12 \rangle [23] \langle 56 \rangle \langle 1|5+6|1| \langle 4|2+3|1|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                \frac{-1/2\langle 3|1+2|4]\langle 13\rangle\langle 46\rangle^{2}[24]}{\langle 12\rangle\langle 56\rangle\langle 1|2+3|4]\langle 4|2+3|4]\langle 4|5+6|4|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    \frac{-41/12[45]\langle 14\rangle\langle 13\rangle[25][12]}{\langle 12\rangle[23][56]\langle 1|2+3|4|\langle 4|5+6|4|} +
                                                                                                                                                                                                                                                                                                                                                                                            \frac{\langle 46 \rangle [14] \langle 34 \rangle^2 (43/9 \langle 23 \rangle \langle 46 \rangle - 1/2 \langle 24 \rangle \langle 36 \rangle)}{\langle 12 \rangle \langle 23 \rangle \langle 24 \rangle \langle 56 \rangle \langle 4|2+3|1| \langle 4|2+3|4|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                             \frac{77/18[14]\langle 34\rangle^2\langle 46\rangle^2}{\langle 12\rangle\langle 24\rangle\langle 56\rangle\langle 4|2+3|1|\langle 4|5+6|4|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      \frac{1/2\langle 34\rangle\langle 46\rangle^2[12]}{\langle 24\rangle\langle 56\rangle\langle 4|1+2|3|\langle 4|5+6|4|}
```