```
\frac{[12]\langle 4|1+2|3|\langle 6|1+2|5|(1/12\langle 2|1-3|4](s_{{\small 2}34}-s_{{\small 1}34})+1/6\langle 2|3+4|1]\langle 1|2-3|4]\rangle}{\langle 12\rangle\langle 2|3+4|1]\langle 3|1+2|4|\Delta_{12}|34|56}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             \frac{-12[12]^2\langle 24\rangle^2[25]\langle 26\rangle\langle 1|3+4|2]}{\langle 23\rangle\langle 34\rangle\langle 2|5+6|2]^3}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               \frac{3[12]\langle 24\rangle^2[25]^2\langle 1|5+6|1]^2}{\langle 23\rangle\langle 34\rangle[56]\langle 2|5+6|2|^3}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          \frac{-12\langle 34\rangle^3[34]^2[35]^2\langle 56\rangle}{\langle 12\rangle\langle 23\rangle\langle 3|5+6|3]^3}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            \frac{3\langle 34\rangle^2[34][35]^2\langle 4|5+6|4]^2}{\langle 12\rangle\langle 23\rangle[56]\langle 3|5+6|3]^3}+
                                                                                                                                                                                                                                                                                    \frac{[45]\langle 36\rangle(s_{123}-s_{124})(-2/3\langle 24\rangle[24]\ldots\langle\!\langle 4\,\mathrm{terms}\rangle\!\rangle\ldots+1/6\langle 12\rangle[12])}{\langle 12\rangle\langle 23\rangle\langle 3|1+2|4|^2}+
                                                                                                                                                                                                                                                                                                         \frac{\langle 34\rangle [45]^2 (s_{123} - s_{124}) (4/3\langle 34\rangle [34] + 2/3\langle 24\rangle [24] + 2/3\langle 14\rangle [14])}{\langle 12\rangle \langle 23\rangle [56] \langle 3|1 + 2|4|^2} + \\
                                                                                                                                                                                                                                                                                                                                                                                                                    \frac{-1/2\langle 34\rangle^2[34][45]^2(s_{12}-s_{34})(s_{123}-s_{124})}{\langle 12\rangle\langle 23\rangle[56]\langle 3|5+6|3]\langle 3|1+2|4|^2}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     \frac{2[12][15]\langle 24\rangle^2\langle 2|1+6|5]\Delta_{12}|34|56}{\langle 12\rangle\langle 23\rangle\langle 34\rangle[56]\langle 2|3+4|1]^2\langle 2|5+6|2|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                          \frac{-1/6[15]\langle 24\rangle^2\langle 6|2+5|1](s_{{\small 234}}\!-\!s_{{\small 134}})}{\langle 12\rangle\langle 23\rangle\langle 34\rangle\langle 2|3+4|1]^2}+
                                                                                                                                                                                                                                                                                                                                                                                                                        \frac{1/3[12][15]\langle 24\rangle^2\langle 26\rangle\langle 2|3+4|2](s_{{\small 2}34}-s_{{\small 1}34})}{\langle 12\rangle\langle 23\rangle\langle 34\rangle\langle 2|3+4|1]^2\langle 2|5+6|2]}+
                                                                                                                                                                                                                                                  \frac{\langle 24\rangle(1\langle 12\rangle[13][24][25]\langle 34\rangle\langle 46\rangle\dots\langle\langle 40\,\mathrm{terms}\rangle\dots+2[23]\langle 34\rangle^2[34][45]\langle 46\rangle)}{\langle 12\rangle\langle 23\rangle\langle 34\rangle\langle 2|5+6|2|^2}+
                                                                                                                                                                                                                                                     \frac{[23]\langle 26\rangle\langle 24\rangle\langle 2\langle 12\rangle[12]^2\langle 14\rangle\langle 36\rangle\ldots\langle 3\,\mathrm{terms}\rangle\ldots-1/2[23]\langle 34\rangle^2[34]\langle 36\rangle\rangle}{\langle 12\rangle\langle 23\rangle\langle 34\rangle\langle 56\rangle\langle 2|5+6|2|^2}+
                                                                                                                                                                                                               \frac{[25]\langle 24\rangle (-6\langle 13\rangle[13]\langle 14\rangle[14]\langle 34\rangle[35]\dots\langle 14\,\mathrm{terms}\rangle\dots+1\langle 12\rangle[12]\langle 34\rangle^2[34][35]\rangle}{\langle 12\rangle\langle 23\rangle\langle 34\rangle[56]\langle 2|5+6|2|^2}+\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2
                                                                                                                                                                                       \frac{[13]\langle 24\rangle[24](1(13)[13]\langle 23\rangle\langle 24)[25]\langle 46\rangle\dots\langle (6\, terms)\!)\dots -3/2[23]\langle 24\rangle^2\langle 34\rangle\langle 36\rangle[45]\rangle}{\langle 12\rangle\langle 23\rangle\langle 34\rangle\langle 2[3+4]1]\langle 2[5+6]2]^2}+
                                                                                                                                                        \frac{\langle 26 \rangle \langle 24 \rangle (2[12]\langle 23 \rangle [23]\langle 34 \rangle^2 [34]^2 \langle 46 \rangle \dots \langle [11\, \text{terms}] \dots + 3/2[12]\langle 23 \rangle [23]^2 \langle 24 \rangle^2 [24]\langle 36 \rangle)}{\langle 12 \rangle \langle 23 \rangle \langle 34 \rangle \langle 56 \rangle \langle 2[3+4]1]\langle 2[5+6]2|^2} + \frac{\langle 24 \rangle \langle 24
                                                                                                                                                                                                                                                            \frac{[12][15][25]\langle 24\rangle^2(3/2\langle 34\rangle^2[34]^2\ldots \langle\!\langle 4\,\mathrm{terms}\rangle\!\rangle\ldots + 3/2\langle 23\rangle[23]\langle 24\rangle[24])}{\langle 23\rangle\langle 34\rangle[56]\langle 2|3+4|1\rangle\langle 2|5+6|2|^2}+
                                                                                                                                                                      \frac{-11/2\langle 12\rangle^2[13][24]^2\langle 34\rangle^2[35]\langle 36\rangle\dots\langle\langle 71\, terms\rangle\dots+4\langle 12\rangle\langle 23\rangle\langle 24\rangle[24]^3\langle 34\rangle[35]\langle 46\rangle}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 3[5+6]3]^2\langle 3[1+2|4]}+
                                                                                                                                                                                                                                                                          \frac{\langle 34 \rangle^2 [34][35][45](3/2\langle 13 \rangle^2 [13]^2 \ldots \langle \! \langle 3\, \text{terms} \rangle\! \rangle \ldots + 3\langle 13 \rangle [13]\langle 23 \rangle [23])}{\langle 12 \rangle \langle 23 \rangle [56]\langle 3|5+6|3]^2 \langle 3|1+2|4|} +
                                                                                                                                                                                                               \frac{\langle 34\rangle[34]^2\langle 36\rangle\langle 46\rangle\langle 4|5+6|4|(-2\langle 12\rangle[24]\langle 34\rangle-5/2\langle 12\rangle[12]\langle 13\rangle+1/2\langle 13\rangle\langle 34\rangle[34])}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 56\rangle\langle 3|5+6|3|^2\langle 3|1+2|4|}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                   \frac{[12]\langle 6|1+2|5](1/3\langle 24\rangle[34]-1/3\langle 12\rangle[13])}{\langle 12\rangle\langle 2|3+4|1|\langle 3|1+2|4|}+
                                                                                                                                                                                                                                                                                                  \frac{\langle 14 \rangle (-1/2 \langle 14 \rangle [14] \langle 16 \rangle [25] \ldots \langle \langle 3 \operatorname{terms} \rangle \ldots -1/2 \langle 12 \rangle [24] [25] \langle 46 \rangle)}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 1[3+4]2]} + \\
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           \frac{1/2\langle 12\rangle[23][25]^2\langle 34\rangle}{\langle 13\rangle\langle 23\rangle[56]\langle 1|3+4|2|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      \frac{-1/2[12]\langle 14\rangle\langle 16\rangle[23]\langle 36\rangle}{\langle 13\rangle\langle 23\rangle\langle 56\rangle\langle 1|3+4|2|} +
                                                                                                                                                                                                                                              \frac{[12]\langle 14\rangle\langle 1\langle 12\rangle[12]\langle 13\rangle\langle 16\rangle[35]\ldots\langle 5\, terms\rangle\ldots -1/2\langle 13\rangle\langle 14\rangle[24]\langle 26\rangle[35])}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 1|3+4|2|\langle 2|5+6|2|} +
                                                                                                                                                                                                                  \frac{\langle 16 \rangle \langle 24 \rangle \langle 14 \rangle \langle 6|1+5|2||24|(1/2\langle 13 \rangle[13]+1/2\langle 14 \rangle[14]-1/2\langle 23 \rangle[23]-1/2\langle 24 \rangle[24])}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 56 \rangle \langle 1|3+4|2|\langle 2|5+6|2|}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           \tfrac{\langle 14 \rangle [35] (1[23] \langle 36 \rangle - 1[24] \langle 46 \rangle)}{\langle 13 \rangle \langle 23 \rangle \langle 1|2 + 4|3|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                         \frac{\langle 16\rangle (-3[23]^2 \langle 24\rangle \langle 36\rangle + 1[12]\langle 14\rangle [34]\langle 46\rangle)}{\langle 13\rangle \langle 23\rangle \langle 56\rangle \langle 1[2+4]3]} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    \frac{-1\langle 12\rangle [23][25]\langle 34\rangle [35]}{\langle 13\rangle \langle 23\rangle [56]\langle 1|2+4|3]} +
                                                                                                                                                                                                                                                                                                                                                                                               \frac{\langle 14 \rangle \langle 36 \rangle [35] [23] (1\langle 14 \rangle [14] + 3\langle 23 \rangle [23] + 1\langle 24 \rangle [24])}{\langle 13 \rangle \langle 23 \rangle \langle 1|2 + 4|3|\langle 3|5 + 6|3|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       \frac{-1\langle 16\rangle[23]\langle 46\rangle\langle 3|1+2|3]^2}{\langle 13\rangle\langle 23\rangle\langle 56\rangle\langle 1|2+4|3|\langle 3|5+6|3|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    \frac{1\langle 12\rangle[12]\langle 16\rangle[23]\langle 34\rangle[34]\langle 46\rangle}{\langle 13\rangle\langle 23\rangle\langle 56\rangle\langle 1|2+4|3|\langle 3|5+6|3|} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       \frac{1\langle 14 \rangle \langle 34 \rangle [34][35][45]\langle 4|1+3|2]}{\langle 13 \rangle \langle 23 \rangle [56]\langle 1|2+4|3|\langle 3|5+6|3|} +
                                                                                                                                                               \frac{-109/3\langle13\rangle\langle14\rangle^{2}[14]^{2}[15]\langle24\rangle\langle46\rangle\dots\langle\{104\,\text{terms}\}\rangle\dots-2\langle13\rangle[13]^{2}\langle14\rangle\langle24\rangle\langle34\rangle\langle36\rangle[45]}{\langle12\rangle\langle13\rangle\langle23\rangle\langle34\rangle\langle2|3+4|1|\langle2|5+6|2|}+
                                                                                                                                                                                                        \frac{\langle 36 \rangle (13\langle 13 \rangle^2 [13]^3 \langle 14 \rangle \langle 24 \rangle \langle 36 \rangle \dots \langle 24 \, terms \rangle \dots + 1/2 [23] \langle 24 \rangle^2 \langle 34 \rangle^2 [34]^2 \langle 36 \rangle)}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle \langle 56 \rangle \langle 2|3 + 4|1 \rangle \langle 2|5 + 6|2|} + \frac{\langle 34 \rangle^2 \langle 34 \rangle^2 \langle
                                                                                                                                                                                                                                \frac{\langle 46 \rangle (-2\langle 12 \rangle^2 [12]^2 \langle 23 \rangle^2 [23] \langle 46 \rangle \ldots \langle \! \langle 6\, \mathrm{terms} \rangle \! ) \ldots + 1 \langle 13 \rangle^3 [13]^2 [14] \langle 24 \rangle \langle 46 \rangle )}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle \langle 56 \rangle \langle 2[3+4]1 \rangle \langle 2[5+6]2 |} + \frac{\langle 46 \rangle (-2\langle 12 \rangle^2 [12]^2 \langle 23 \rangle^2 [23] \langle 46 \rangle \ldots \langle \! \langle 6\, \mathrm{terms} \rangle \! ) \ldots + 1 \langle 13 \rangle^3 [13]^2 [14] \langle 24 \rangle \langle 46 \rangle )}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle \langle 56 \rangle \langle 2[3+4]1 \rangle \langle 2[5+6]2 |} + \frac{\langle 46 \rangle (-2\langle 12 \rangle^2 [12]^2 \langle 23 \rangle^2 [23] \langle 46 \rangle \ldots \langle \! \langle 6\, \mathrm{terms} \rangle \! ) \ldots \langle \! \langle 6\, \mathrm{terms} \rangle \! ) \ldots \langle \! \langle 6\, \mathrm{terms} \rangle \! ) \ldots \langle \! \langle 6\, \mathrm{terms} \rangle \! ) }
                                                                                                                                                           \frac{[45](-71/2\langle12\rangle[13]\langle14\rangle^2[14][15]\langle34\rangle^2\ldots\langle21\, terms\rangle\ldots+7/3\langle23\rangle[23]\langle24\rangle\langle34\rangle^3[34][35])}{\langle12\rangle\langle13\rangle\langle23\rangle\langle34\rangle[56]\langle2|3+4|1]\langle2|5+6|2|}+
                                                                                                                                                        \frac{[35](-3\langle13\rangle\langle14\rangle^2[14]^2[15]\langle24\rangle\langle34\rangle\dots\langle\!(6\,\mathrm{terms})\!\!)\dots-10/3\langle12\rangle[12]\langle13\rangle^2[13][15]\langle24\rangle\langle34\rangle)}{\langle12\rangle\langle13\rangle\langle23\rangle\langle34\rangle[56]\langle2]3+4|1|\langle2|5+6|2|}+
                                                                                                                                                                                                                                       \frac{-3/2\langle 12\rangle[12]\langle 13\rangle\langle 14\rangle[15]\langle 46\rangle\dots\langle 23\,\mathrm{terms}\rangle\dots-3\langle 13\rangle[23]\langle 24\rangle\langle 34\rangle[45]\langle 46\rangle}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 34\rangle\langle 35+6|3]}+\frac{-3}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{
                                                                                                                                                                                                                                                                                               \frac{\langle 34\rangle\langle 46\rangle^2(1\langle 13\rangle\langle 34\rangle[34]^2\ldots\langle 3\,\mathrm{terms}\rangle\ldots-21/2\langle 13\rangle\langle 14\rangle[14][34])}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 34\rangle\langle 56\rangle\langle 3|5+6|3|}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           \frac{3[13]\langle 14\rangle^2\langle 34\rangle[34]\langle 36\rangle^2}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 34\rangle\langle 56\rangle\langle 3|5+6|3|} +
                                                                                                                                                                                                                                \frac{\langle 34\rangle[45](-53/2\langle 14\rangle\langle 24\rangle[24]\langle 34\rangle[35]\ldots\langle \{5\,\mathrm{terms}\}\ldots-1\langle 13\rangle[13]\langle 14\rangle\langle 24\rangle[25])}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 34\rangle[56]\langle 3|5+6|3|}+
                                                                               \frac{\langle 34 \rangle [35]\langle 13 \rangle (23/2 \langle 24 \rangle [24]\langle 34 \rangle [35] - 35/2 \langle 14 \rangle [14]\langle 24 \rangle [25] - 7/2 \langle 13 \rangle [13]\langle 24 \rangle [25] + 63/2 \langle 14 \rangle [14]\langle 34 \rangle [35])}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle [56]\langle 315 + 63]} + \frac{\langle 34 \rangle [35]\langle 13 \rangle \langle 23 \rangle \langle 24 \rangle [24]\langle 14 \rangle \langle 14 \rangle
                                                                                                                                                                                                                                \frac{33/2[12]\langle 13\rangle^3[13]\langle 24\rangle[45]\langle 46\rangle\dots\langle\!\langle 36\, terms\rangle\!\dots\!-14\langle 13\rangle\langle 24\rangle^3[24]^2[25]\langle 36\rangle}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 34\rangle\langle 3|5+6|3|\langle 3|1+2|4|}+
                                                                                                                                                                                                                             \frac{\langle 34 \rangle [45] (-1/2 \langle 12 \rangle \langle 24 \rangle^2 [24]^2 [25] \langle 34 \rangle \dots \langle (9 \, terms) \rangle \dots -1 \langle 14 \rangle \langle 34 \rangle^3 [34]^2 [45])}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle [56] \langle 3|5+6|3| \langle 3|1+2|4|} +
                                                                                                                                                                                                     \frac{-241/2\langle13\rangle\langle14\rangle[14][15]\langle24\rangle\langle46\rangle\ldots\langle\!34\operatorname{terms}\!\rangle\ldots-275/12\langle12\rangle^2[12][15]\langle34\rangle\langle46\rangle}{\langle12\rangle\langle13\rangle\langle23\rangle\langle34\rangle\langle2[3+4|1]}+
                                                                                                                                                                                                                                                  \frac{\langle 46\rangle(23\langle 23\rangle\langle 34\rangle^2[34]^2\langle 46\rangle\dots\langle\langle 16\,\mathrm{terms}\rangle\rangle\dots+1/2\langle 12\rangle\langle 14\rangle[14]^2\langle 34\rangle\langle 46\rangle)}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 34\rangle\langle 56\rangle\langle 2|3+4|1|}+
                                                                                                                                                                                                                                                               \frac{[23]\langle 24\rangle\langle 36\rangle^2(49/2\langle 23\rangle[23]\langle 24\rangle+27/2\langle 24\rangle\langle 34\rangle[34]-23/2\langle 12\rangle[13]\langle 34\rangle)}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 34\rangle\langle 56\rangle\langle 2[3+4]1]}+
                                                                                                                                                                                                                                              \frac{[45](36\langle14\rangle^2[14][15]\langle24\rangle\langle34\rangle\dots\langle\!(8\,terms)\!\rangle\dots-1/3[12]\langle13\rangle\langle14\rangle[15]\langle24\rangle^2)}{\langle12\rangle\langle13\rangle\langle23\rangle\langle34\rangle[56]\langle2|3+4|1|}+
                                                                                                                                                                                                                         \frac{[35](-79/6\langle13\rangle[13]\langle23\rangle\langle24)[25]\langle34\rangle\dots\langle(3\,\mathrm{terms})\dots-3/2[12]\langle13\rangle^2[15]\langle24\rangle^2)}{\langle12\rangle\langle13\rangle\langle23\rangle\langle34\rangle[56](2[3+4|1]}+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           \frac{-4\langle 13 \rangle \langle 14 \rangle [14][15]\langle 24 \rangle^{2}[25]}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle [56]\langle 2|3+4|1|} +
                                                                                         \frac{\langle 24\rangle \langle 36\rangle (s_{13}-s_{24})(1/6[12]\langle 13\rangle \langle 24\rangle [45]+1/6(13)^2[13][15]+1/6(13)[13](34)[45]-1/6(34)^2[34][45])}{\langle 12\rangle \langle 13\rangle \langle 23\rangle [34\rangle [2]3+4]1]\langle 31+2[4]}+\frac{\langle 24\rangle \langle 36\rangle (s_{13}-s_{24})(1/6[12]\langle 13\rangle \langle 24\rangle [45]+1/6(13)^2[13][15]+1/6(13)[13](34)[45]-1/6(34)^2[34][45])}{\langle 12\rangle \langle 13\rangle \langle 23\rangle [34\rangle [2]+1/6(13)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34][45]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(34)^2[34]-1/6(
                                                                                                                                                                                                                                                                                                                                                                       \frac{\langle 34 \rangle^2 \langle 24 \rangle [45]^2 (s_{13} - s_{24}) (1/6 \langle 34 \rangle [34] - 1/6 \langle 12 \rangle [12])}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle [56] \langle 2] 3 + 4 |1| \langle 3|1 + 2|4|} +
                                                                                                                                                                                                                                                         \frac{62/3\langle13\rangle\langle24\rangle^2[24][25]\langle36\rangle\ldots\langle30\,\mathrm{terms}\rangle\ldots+3/2\langle12\rangle[23]\langle34\rangle^2\langle36\rangle[45]}{\langle12\rangle\langle13\rangle\langle23\rangle\langle34\rangle\langle3|1+2|4|}+
\frac{\langle 46 \rangle (-21/2\langle 12 \rangle \langle 23 \rangle [24]^2 \langle 34 \rangle \langle 46 \rangle + 21/2\langle 13 \rangle^2 [14] \langle 34 \rangle [34] \langle 46 \rangle - 1/2\langle 12 \rangle^2 [12] [24] \langle 34 \rangle \langle 36 \rangle - 1/2\langle 12 \rangle^2 [12]^2 \langle 13 \rangle \langle 36 \rangle)}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle \langle 56 \rangle \langle 3|1 + 2|4|} + \frac{\langle 46 \rangle (-21/2\langle 12 \rangle^2 [12]^2 \langle 34 \rangle \langle 46 \rangle + 21/2\langle 12 \rangle^2 [12]^2 \langle 13 \rangle \langle 36 \rangle)}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle \langle 56 \rangle \langle 3|1 + 2|4|} + \frac{\langle 46 \rangle (-21/2\langle 12 \rangle^2 [12]^2 \langle 34 \rangle \langle 46 \rangle + 21/2\langle 12 \rangle^2 [12]^2 \langle 13 \rangle \langle 36 \rangle)}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle \langle 56 \rangle \langle 3|1 + 2|4|} + \frac{\langle 46 \rangle (-21/2\langle 12 \rangle^2 [12]^2 \langle 13 \rangle \langle 36 \rangle)}{\langle 12 \rangle \langle 13 \rangle \langle 36 \rangle \langle 34 \rangle \langle 56 \rangle \langle 3|1 + 2|4|} + \frac{\langle 46 \rangle (-21/2\langle 12 \rangle^2 [12]^2 \langle 13 \rangle \langle 36 \rangle)}{\langle 12 \rangle \langle 13 \rangle \langle 36 \rangle \langle 34 \rangle \langle 56 \rangle \langle 3|1 + 2|4|} + \frac{\langle 46 \rangle (-21/2\langle 12 \rangle^2 [12]^2 \langle 13 \rangle \langle 36 \rangle)}{\langle 12 \rangle \langle 13 \rangle \langle 36 \rangle \langle 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           \frac{1/2\langle12\rangle^2[12]^2\langle14\rangle\langle36\rangle^2}{\langle12\rangle\langle13\rangle\langle23\rangle\langle34\rangle\langle56\rangle\langle3|1+2|4|} +
                                                                                                                                                                                                                                    \frac{\langle 34\rangle[45](37/3\langle 13\rangle\langle 24\rangle[24]\langle 34\rangle[35]\ldots\langle 5\, terms\rangle\ldots-11/6\langle 12\rangle[23]\langle 34\rangle^2[45])}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 34\rangle[56]\langle 3|1+2|4|}+
                                                                                                                                                                      \frac{\langle 14 \rangle (230/3 \langle 14 \rangle [15] \langle 36 \rangle + 199/3 \langle 24 \rangle [25] \langle 36 \rangle + 257/12 \langle 34 \rangle [35] \langle 36 \rangle + 135/4 \langle 34 \rangle [45] \langle 46 \rangle)}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle} + \frac{\langle 14 \rangle (230/3 \langle 14 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [45] \langle 46 \rangle)}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle} + \frac{\langle 14 \rangle (230/3 \langle 14 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 34 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle 36 \rangle + 135/4 \langle 36 \rangle [15] \langle
                                                                                                                               \frac{\langle 46 \rangle (67/2 \langle 12 \rangle [12] \langle 14 \rangle \langle 36 \rangle -105/2 \langle 12 \rangle [24] \langle 34 \rangle \langle 46 \rangle -21/2 \langle 14 \rangle^2 [14] \langle 36 \rangle +13 \langle 14 \rangle \langle 24 \rangle [24] \langle 36 \rangle)}{\langle 12 \rangle \langle 13 \rangle \langle 23 \rangle \langle 34 \rangle \langle 56 \rangle} + \\
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               \frac{9[13]\langle 14\rangle^2\langle 36\rangle^2}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 34\rangle\langle 56\rangle} +
                                                                                                                                                                                                                                                                                                                                                                                                                    \frac{\langle 14\rangle\langle 34\rangle[45](-329/12\langle 14\rangle[15]-79/3\langle 34\rangle[35])}{\langle 12\rangle\langle 13\rangle\langle 23\rangle\langle 34\rangle[56]}+
                                                                                                                                                                                                                                                                                                                                                                           \frac{\langle 46 \rangle (77/2 \langle 24 \rangle [25] + 479/12 \langle 34 \rangle [35] - 431/3 \langle 14 \rangle [15])}{\langle 12 \rangle \langle 22 \rangle \langle 24 \rangle} +
                                                                                                                                                                                                                                                                                                                                                         \frac{\langle 46 \rangle (-30[12]\langle 14 \rangle \langle 26 \rangle \dots \langle \langle 4\, \text{terms} \rangle \rangle \dots -23 \langle 34 \rangle [34]\langle 46 \rangle)}{\langle 12 \rangle \langle 23 \rangle \langle 34 \rangle \langle 56 \rangle} + \\
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  \frac{\langle 34 \rangle [35] (8 \langle 14 \rangle [15] + 83/12 \langle 34 \rangle [35])}{\langle 12 \rangle \langle 23 \rangle \langle 34 \rangle [56]} +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   \frac{1\langle 14\rangle[15]\langle 24\rangle[25]}{\langle 12\rangle\langle 23\rangle\langle 34\rangle[56]}
```