```
\frac{12[35](s_{134}+s_{234})[13]\langle 24\rangle\langle 26\rangle}{\langle 2|1+4|3|^4}+
                                                             \frac{[35][13](24\langle23\rangle\langle46\rangle-18\langle24\rangle\langle36\rangle)}{\langle2|1+4|3|^3}+
                                                                                   \frac{-6[35]\langle 24\rangle[12]\langle 26\rangle}{\langle 2|1+4|3|3} +
                                                               \frac{-6[35](s_{24}-s_{13})\langle 26\rangle\langle 4|1+2|3]}{\langle 1|2+4|3|\langle 2|1+4|3|^3}+
                         (26)[13](-6[12](26)(14)-6[13](14)(36)-6(23)[23](46))
                                                                                          (56)(2|1+4|3|<sup>3</sup>
                                                                            \frac{6[35]\langle 2|1+4|5]\langle 4|2+3|1]}{[56]\langle 2|1+4|3]^3} +
  \frac{-3\langle 13\rangle[13]\langle 23\rangle[34][35]\langle 46\rangle\ldots\langle\!\langle 11\,terms\rangle\!\rangle\ldots-1\langle 23\rangle\langle 34\rangle[34]^2[35]\langle 46\rangle}{\langle 1|2+4|3|\langle 2|1+4|3|^2\langle 2|1+3|4|}+
              \frac{\langle 26 \rangle (-1\langle 34 \rangle^2 [34]^3 \langle 46 \rangle \ldots \langle (6 \ terms) \rangle \ldots -1\langle 24 \rangle^2 [24]^2 [34] \langle 46 \rangle)}{\langle 56 \rangle \langle 1 [2+4]3] \langle 2 [1+4]3]^2 \langle 2 [1+3]4]} +
                       \frac{\langle 26 \rangle (6[13]\langle 24 \rangle [24]\langle 36 \rangle \dots \langle (8 \text{ terms}) \dots -7\langle 13 \rangle [13]^2 \langle 36 \rangle)}{\langle 56 \rangle \langle 2|1+4|3|^2 \langle 2|1+3|4|} +
                      \frac{[45](-7\langle 14\rangle[14][15]\langle 24\rangle\ldots\langle\!\langle 4\,\mathrm{terms}\rangle\!\rangle\ldots-7[14]\langle 24\rangle^2[25])}{[56]\langle 2|1+4|3|^2\langle 2|1+3|4|}+
                                                  \frac{2[35]\langle 16\rangle(s_{13}+s_{14}+s_{23}+s_{24})[23]\langle 24\rangle}{\langle 1|2+4|3|^2\langle 2|1+4|3|^2}+
                                                                         \frac{4[35]\langle 34\rangle\langle 16\rangle[23][13]\langle 12\rangle}{\langle 1|2+4|3|^2\langle 2|1+4|3|^2}+
                  \frac{\langle 26 \rangle (-1[23]\langle 34 \rangle [34]\langle 46 \rangle \ldots \langle (8\, terms)\rangle \ldots + 1\langle 12 \rangle [12][23]\langle 46 \rangle)}{\langle 56 \rangle \langle 1|2+4|3|\langle 2|1+4|3|^2} +
                    \frac{[45](-10[13]\langle 14\rangle\langle 34\rangle[35]\ldots\langle\!\langle 4\,\mathrm{terms}\rangle\!\rangle\ldots-9[13]\langle 14\rangle^2[15])}{[56]\langle 1|2+4|3|\langle 2|1+4|3|^2}+
                                                                                 \frac{-2\langle 23\rangle\langle 26\rangle[25][14]}{\langle 2|1+4|3|\langle 2|1+3|4|^2} +
                                         \frac{\langle 26\rangle (s_{14} - s_{23})(2[24]\langle 23\rangle [35] + 2[45][13]\langle 13\rangle)}{\langle 1|2 + 4|3|\langle 2|1 + 4|3|\langle 2|1 + 3|4|^2} +
                                                                            \frac{2\langle 23\rangle[45]^2\langle 4|2+3|1]}{[56]\langle 2|1+4|3]\langle 2|1+3|4]^2} +
\frac{-3\langle 12\rangle[13][24]\langle 34\rangle[35]\langle 36\rangle \dots \langle\!\langle 69\, \text{terms}\rangle\!\rangle \dots -7\langle 23\rangle[23]\langle 24\rangle[24][25]\langle 26\rangle}{\langle 56\rangle[56]\langle 1|2+4|3|\langle 2|1+4|3|\langle 2|1+3|4|}
                                                                             \frac{-2\langle 34\rangle[35]\langle 46\rangle}{\langle 24\rangle\langle 1|2+4|3|\langle 2|1+4|3|} +
                                                                         \frac{-4\langle 3|1+2|4][12]\langle 23\rangle[45]^2}{[24][56]\langle 2|1+3|4]^3}
```