```
\frac{3(s_{124} - s_{134})(s_{24} - s_{13})\langle 34 \rangle \langle 26 \rangle [35][13]}{\langle 2|1 + 4|3|^3 \Delta_{14} |23|56} +
                                                                                                                                                                                                                                           \frac{\langle 24\rangle\langle 26\rangle[35](27/2\langle 13\rangle[13]+3/2\langle 34\rangle[34])}{\langle 12\rangle\langle 2|1+4|3|^3}+
                                                                                                                                                                                                                                                             \frac{1\langle 46\rangle\langle 34\rangle(s_{13}+s_{34})(s_{13}-s_{34})[35]}{\langle 14\rangle\Delta_{14|23|56}\langle 2|1+4|3|^2}+
                                                                                                                   \frac{\langle 46 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) \langle 24 \rangle (1\langle 13) | 25 ] [13] - 1/2 \langle 13 \rangle [35] [12] - 1/2 \langle 34 \rangle [45] [23] \rangle}{\langle 14 \rangle \Delta_{14} | 23 | 56 \langle 2| 1 + 4| 3|^2} +
                              \frac{\langle 24\rangle\langle 34\rangle(s_{12}+s_{13}+s_{24}+s_{34})\langle 36\rangle(-1/2[35]\langle 24\rangle[24]+1/2[45][23]\langle 24\rangle-1/2\langle 34\rangle[34][35])}{\langle 14\rangle\langle 23\rangle\Delta_{14}|23|56}\langle 2|1+4|3|^2+1/2|45||23|\langle 24\rangle-1/2\langle 34\rangle[34]|35\rangle+1/2|45||23|\langle 24\rangle-1/2\langle 34\rangle[34]|35\rangle+1/2|45||35\rangle+1/2|45||35\rangle+1/2|45||35\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2|45\rangle+1/2
                                                                                                                                               \frac{\langle 24 \rangle [13] (s_{14} - s_{56}) \langle 36 \rangle^2 (1 \langle 13 \rangle [13] - 1/2 \langle 24 \rangle [24] + 1/2 \langle 34 \rangle [34])}{\langle 23 \rangle \langle 56 \rangle \Delta_{14} [23] [56 \langle 2|1 + 4|3]^2} +
                                                                                            \frac{\langle 46 \rangle (-1|23|[13|\langle 36 \rangle \langle 23 \rangle \langle 24 \rangle [24] \dots (\{4\,\mathrm{terms}\}) \dots -1/4 \langle 46 \rangle (13)^2 [13]^2 [14] \rangle}{\langle 56 \rangle \Delta_{14|23|56} \langle 2|1+4|3|^2} +
                                                                                                                                                                                                                                                                                              \frac{-1/2[23]^2\langle 36\rangle^2\langle 23\rangle\langle 24\rangle[13]}{\langle 56\rangle\Delta_{14|23|56}\langle 2|1+4|3]^2} +
                                                                                 \frac{(s_{14} - s_{23})\langle 46 \rangle (9/4\langle 36 \rangle [24]\langle 24 \rangle [13] \ldots (5\, \text{terms}) \ldots -11/4[34]\langle 24 \rangle \langle 36 \rangle [12])}{\langle 56 \rangle \Delta_{14} |23|56} \langle 2|1+4|3|^2 \\ +
                                                                                                 \frac{(s_{124} - s_{134})(29/2\langle 46 \rangle [25]\langle 25 \rangle [15] \ldots (\!(3\,\mathrm{terms})\!) \ldots + 6\langle 46 \rangle [25]\langle 24 \rangle [14])}{\langle 2|1 + 4|3|^2\Delta_{14}|23|56} + \\
                                                                                                         \frac{4\langle 46 \rangle \langle 23 \rangle \langle 45 \rangle [25] [35] [14] \dots \{41\, \mathrm{terms}\} \dots + 2[23] \langle 36 \rangle \langle 34 \rangle \langle 24 \rangle [45] [13]}{\langle 2|1+4|3|^2 \Delta_{14} |23|56} +
                                                                                                                                                                                                                                                                                                    \frac{-53/12\langle 26\rangle\langle 13\rangle^2[35]\langle 24\rangle^2}{\langle 12\rangle^2\langle 14\rangle\langle 23\rangle\langle 2|1+4|3]^2}+
                                                                                                                                                                                                                                    \frac{\langle 13\rangle\langle 24\rangle\langle 26\rangle^2(-5/3\langle 26\rangle[26]-5/3[25]\langle 25\rangle)}{\langle 12\rangle^2\langle 23\rangle\langle 56\rangle\langle 2[1+4]3]^2}+
                                                                                                                                \frac{-20/3\langle 13\rangle[35]\langle 24\rangle^2\langle 36\rangle\dots\langle\!(9\,terms)\!)\dots+29/3[56]\langle 23\rangle\langle 12\rangle\langle 46\rangle^2}{\langle 12\rangle\langle 14\rangle\langle 23\rangle\langle 2|1+4|3]^2}+
                                                                                            \frac{\langle 46\rangle (-1\langle 46\rangle \langle 23\rangle \langle 13\rangle \langle 24\rangle [34]\ldots \langle 12\, terms \rangle \ldots -5/3\langle 14\rangle \langle 36\rangle \langle 24\rangle [45]\langle 25\rangle )}{\langle 12\rangle \langle 14\rangle \langle 23\rangle \langle 56\rangle \langle 2]1+4|3|^2}+
                                                                                                                                                                   \frac{\langle 24 \rangle \langle 36 \rangle (-2[34]\langle 24 \rangle \langle 36 \rangle + 5/3 \langle 26 \rangle^2 [26] + 5/3 \langle 26 \rangle [25]\langle 25 \rangle)}{\langle 12 \rangle \langle 23 \rangle \langle 56 \rangle \langle 2|1 + 4|3]^2} +
                                                                                                                                                                                                                                      \frac{2[23]\langle 6|1+4|5]\langle 13\rangle\langle 24\rangle\langle 4|2+3|1]\langle 3|1+4|2]}{\langle 14\rangle\Delta_{14}^{2}|23|56}\langle 2|1+4|3]}+
                                                                                                                                                    \frac{\langle 46 \rangle (s_{23} - s_{56}) \langle 3|1 + 4|2| \langle 4|2 + 3|1| \langle 3/4 \langle 13 \rangle |35| + 7/8 |56| \langle 16 \rangle)}{\langle 14 \rangle \Delta_{14}^2 |23| 56} \langle 2|1 + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|3| + 4|
                                                                \frac{\langle 24\rangle\langle 46\rangle(s_{23} - s_{56})\langle 3|1 + 4|2](7/8[56][25](56) - 1/2\langle 34\rangle[45][23] + 7/8[56][23]\langle 36\rangle)}{\langle 14\rangle\Delta_{14|23|56}^2\langle 2|1 + 4|3]} +
                                                                                                                                                            \frac{-3/8\langle 13\rangle\langle 26\rangle[15](s_{25}+s_{26}+s_{35}+s_{36})\langle 4|2+3|1]\langle 3|1+4|2]}{\langle 23\rangle\Delta_{14|23|56}^2\langle 2|1+4|3]}+
                                                                                                                                          \frac{3/8\langle 3|1+2|4|\langle 46\rangle\langle 26\rangle\langle 4|2+3|1](s_{\mathbf{25}}+s_{\mathbf{26}}+s_{\mathbf{35}}+s_{\mathbf{36}})\langle 3|1+4|2|}{\langle 23\rangle\langle 56\rangle\langle 2|1+4|3|\Delta_{\mathbf{14}|23|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14}|\mathbf{23}|\mathbf{56}^{\mathbf{2}}|+1|2|\delta_{\mathbf{14
                                                        \frac{\langle 4|2+3|1]\langle 3|1+4|2](1/16\langle 16\rangle\langle 12\rangle[15][12]\ldots \langle 8\, terms \rangle \ldots +77/16\langle 46\rangle\langle 24\rangle[24][45])}{\Delta_{14}^{2}(23)56\, \langle 2|1+4|3]} +
                                                                                                                                                  (46)(s_{123}-s_{234})(3|1+
                                                                                                                                                                                                                                                                                                                                \frac{3|1+4|2|(3/4\langle23\rangle[35][12]+7/4\langle13\rangle[15][13])}{\Delta^2_{14|23|56}\langle2|1+4|3|}+
                                                   \frac{\langle 3|1+4|2|(-7/4\langle 24\rangle^2[12]\langle 26\rangle[25][24]\ldots (9\,\text{terms})\!)\ldots -1/2\langle 46\rangle\langle 13\rangle\langle 24\rangle[12][35][14]\rangle}{\Delta^2_{14}[23]56^{\langle 2|1+4|3]}}+
                                                                                                                                                                                                                    \frac{-5/4(s_{124}-s_{134})(36)\langle 4|1+3|2]\langle 4|2+3|1][45]}{\langle 2|1+4|3|\Delta_{14|23|56}^2}+
                                                                                                                                                                                                                                              \frac{-1/4\langle 46\rangle^2(s_{23}-s_{56})\langle 34\rangle\langle 13\rangle\langle 2|1+4}{\langle 14\rangle^2\langle 23\rangle\langle 56\rangle\Delta_{14|23|56}\langle 2|1+4|3]}
                                                                                                                                                                                                                                                                             \frac{-1/2\langle 46\rangle^2[23]\langle 13\rangle\langle 24\rangle\langle 3|1+4|2]}{\langle 14\rangle^2\langle 56\rangle\Delta_{14|23|56}\langle 2|1+4|3]}+
                                                                                                                                                                                                                                                                     \frac{-1/2\langle 46\rangle^2[23](s_{23}-s_{56})\langle 34\rangle\langle 13\rangle}{\langle 14\rangle^2\langle 56\rangle\Delta_{14|23|56}\langle 2|1+4|3]}+
                                                                                                                                                                                \frac{\langle 34\rangle\langle 46\rangle\langle 2\langle 34\rangle[35][24]\ldots\langle\langle 3\,\mathrm{terms}\rangle\rangle\ldots+8\langle 12\rangle[25][12]\rangle}{\langle 14\rangle\Delta_{14}|23|56\langle 2|1+4|3]}+
                              \frac{\langle 34 \rangle \langle 46 \rangle (1/4 \langle 34 \rangle^2 [45] [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [45] [13] + 3/4 \langle 34 \rangle \langle 12 \rangle [25] [14] - 1/4 \langle 13 \rangle^2 [15] [13] \rangle}{\langle 14 \rangle \langle 23 \rangle \Delta_{14} [23] 56 \langle 2] 1 + 4 [3]} + \frac{\langle 34 \rangle \langle 46 \rangle (1/4 \langle 34 \rangle^2 [45] [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [45] [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [45] [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [45] [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [45] [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [45] [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle [34] + 1/2 \langle 34 \rangle \langle 13 \rangle [34] + 1/2 \langle 34 \rangle [34
                                                                                                                                                                                                \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (3/4[25] \langle 24 \rangle \langle 36 \rangle - 1/4 \langle 23 ] (25] \langle 46 \rangle + 1/2 \langle 34 \rangle [35] \langle 36 \rangle)}{\langle 14 \rangle \langle 23 \rangle \Delta} \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (3/4[25] \langle 36 \rangle)}{\langle 14 \rangle \langle 23 \rangle \Delta} \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (3/4[25] \langle 24 \rangle \langle 36 \rangle - 1/4 \langle 23 \rangle [25] \langle 46 \rangle + 1/2 \langle 34 \rangle [35] \langle 36 \rangle)}{\langle 14 \rangle \langle 23 \rangle \Delta} \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (3/4[25] \langle 24 \rangle \langle 36 \rangle - 1/4 \langle 23 \rangle [25] \langle 46 \rangle + 1/2 \langle 34 \rangle [35] \langle 36 \rangle)}{\langle 14 \rangle \langle 23 \rangle \Delta} \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (3/4[25] \langle 24 \rangle \langle 36 \rangle - 1/4 \langle 23 \rangle [25] \langle 46 \rangle + 1/2 \langle 34 \rangle [35] \langle 36 \rangle)}{\langle 14 \rangle \langle 23 \rangle \Delta} \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (3/4[25] \langle 24 \rangle \langle 36 \rangle - 1/4 \langle 23 \rangle [25] \langle 46 \rangle + 1/2 \langle 34 \rangle [35] \langle 36 \rangle }{\langle 14 \rangle \langle 23 \rangle \Delta} \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (3/4[25] \langle 24 \rangle \langle 36 \rangle - 1/4 \langle 23 \rangle (25) \langle 36 \rangle }{\langle 14 \rangle \langle 23 \rangle \Delta} \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (3/4[25] \langle 36 \rangle - 1/4 \langle 23 \rangle (25) \langle 36 \rangle }{\langle 14 \rangle \langle 23 \rangle \Delta} \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (3/4[25] \langle 36 \rangle - 1/4 \langle 36 \rangle (25) \langle 36 \rangle }{\langle 14 \rangle \langle 36 \rangle (3/4) \langle 36 \rangle } \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (3/4[25] \langle 36 \rangle - 1/4 \langle 36 \rangle (25) \langle 36 \rangle }{\langle 14 \rangle \langle 36 \rangle (3/4) \langle 36 \rangle } \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (3/4[25] \langle 36 \rangle - 1/4 \langle 36 \rangle - 1/4 \langle 36 \rangle }{\langle 14 \rangle \langle 36 \rangle (3/4) \langle 36 \rangle } \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (3/4[25] \langle 36 \rangle - 1/4 \langle 36 \rangle - 1/4 \langle 36 \rangle }{\langle 14 \rangle \langle 36 \rangle (3/4) \langle 36 \rangle } \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (s_{\mathbf{23}} - s_{\mathbf{56}}) (s_{\mathbf{23}} - s_{\mathbf{56}}) (s_{\mathbf{23}} - s_{\mathbf{56}}) \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{56}}) (s_{\mathbf{23}} - s_{\mathbf{56}}) (s_{\mathbf{23}} - s_{\mathbf{56}}) (s_{\mathbf{23}} - s_{\mathbf{56}}) \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{23}}) (s_{\mathbf{23}} - s_{\mathbf{23}}) (s_{\mathbf{23}} - s_{\mathbf{23}}) (s_{\mathbf{23}} - s_{\mathbf{23}}) \\ + \frac{\langle 34 \rangle (s_{\mathbf{23}} - s_{\mathbf{23}}) (s_{\mathbf{23}} - s_{\mathbf{23}}) (s_{\mathbf{23}} - s_{\mathbf{23}}) (s_{\mathbf{23}} - s
                                                                                            \frac{\langle 13 \rangle (s_{23} - s_{56}) \langle 46 \rangle (-1/2 \langle 34 \rangle \langle 36) [13] + 1/2 \langle 34 \rangle \langle 46 \rangle [14] + 1/2 \langle 23 \rangle \langle 46 \rangle [12])}{\langle 14 \rangle \langle 23 \rangle \langle 56 \rangle \Delta_{14} |23| 56 \langle 2|1+4|3]} +
                                                                                                                                                                                                                                                                                            \frac{-1/4\langle 34\rangle^2[25][35](s_{\mathbf{2}3} - s_{\mathbf{5}6})}{\langle 14\rangle[56]\Delta_{\mathbf{1}4}|23|56}\langle 2]1 + 4|3] + \\
                                                                                                                                       \frac{\langle 34\rangle(1/4\langle 36\rangle[25]\langle 24\rangle[14]\ldots\langle\!(5\,\mathrm{terms})\!)\ldots+1/4\langle 34\rangle[45][14]\langle 46\rangle)}{\langle 23\rangle\Delta_{14}|23|56\langle 2|1+4|3]}+
       \frac{\langle 36 \rangle \langle 34 \rangle (5/4 \langle 36 \rangle [24] \langle 24 \rangle [13] + 7/4 \langle 46 \rangle [24] \langle 24 \rangle [14] + 3/4 \langle 34 \rangle \langle 46 \rangle [34] [14] - 5/4 [34] \langle 24 \rangle \langle 36 \rangle [12])}{\langle 23 \rangle \langle 56 \rangle \Delta_{14} [23] 56} \langle 21 + 4 | 3]} + \frac{\langle 36 \rangle \langle 34 \rangle (5/4 \langle 36 \rangle [24] \langle 24 \rangle (36) \langle 2
                                                                                                                                                                                                                                                                                              \frac{-1/4\langle 34\rangle^3[45][35][14]}{\langle 23\rangle[56]\Delta_{14}|23|56\langle 2|1+4|3]} +
                                                                                                                                                                                                                                                                                              \frac{-1/2\langle 34\rangle[15](s_{14}\!-\!s_{56})\langle 36\rangle}{\langle 23\rangle\Delta_{14}|23|56}\langle 2|1\!+\!4|3]}+
                                                                                                                                                                                                                                                                             \frac{-3/2\langle 46\rangle\langle 36\rangle\langle 34\rangle(s_{14}\!-\!s_{56})[14]}{\langle 23\rangle\langle 56\rangle\Delta_{14}|23|56\langle 2|1\!+\!4|3]}+
                                                                                                                                                       \frac{[12]\langle 46\rangle(-11/4\langle 34\rangle[34]\langle 36\rangle\dots\langle\langle 3\, terms\rangle)\dots-1\langle 13\rangle\langle 36\rangle[13])}{\langle 56\rangle\Delta_{14}|23|56\langle 2|1+4|3|}+
                                                                                                                                                                                                                                                                                                              \frac{1/4\langle 14\rangle\langle 36\rangle^2[13][12]}{\langle 56\rangle\Delta_{14|23|56}\langle 2|1+4|3|} +
                                                                                                                                                                                                                                                                                                      \frac{\frac{1/4(s_{14}-s_{23})\langle 46\rangle\langle 36\rangle[12]}{\langle 56\rangle\Delta_{14|23|56}\langle 2|1+4|3]}+
                                                                                                                                            \frac{1/2\langle 35\rangle\langle 46\rangle[25][15]+27/2\langle 34\rangle[25]\langle 36\rangle[13]-18\langle 34\rangle[35]\langle 36\rangle[12]}{\langle 2|1+4|3|}\Delta_{14|23|56}+
                                                                                                                                                                                                                    \frac{\langle 26\rangle (-5/3\langle 23\rangle \langle 13\rangle [35][13]+5/3[45]\langle 24\rangle^2[24])}{\langle 12\rangle^2[34]\langle 2|3+4|1]\langle 2|1+4|3]}+
                                                                                                                                                                                                                                                                             \frac{-5/3\langle 26\rangle^2\langle 24\rangle^2[24]^2}{\langle 12\rangle^2[34]\langle 56\rangle\langle 2|3+4|1]\langle 2|1+4|3]}+
                                                                                                                                                                                                                                                                               \frac{10/3\langle 26\rangle^2\langle 13\rangle[24][13]^2}{\langle 12\rangle[34]^2\langle 56\rangle\langle 2|3+4|1]\langle 2|1+4|3|} +
                                                                                                                                          \frac{\langle 26 \rangle (7/3 \langle 23 \rangle [25] \langle 24 \rangle [14] \dots \langle 3 \ terms \rangle \dots + 1/3 \langle 23 \rangle \langle 12 \rangle [15] [12] \rangle}{\langle 12 \rangle \langle 23 \rangle [34] \langle 2|3 + 4|1] \langle 2|1 + 4|3]} + \\
\frac{\langle 26\rangle(3/4\langle 23\rangle^2\langle 46\rangle[24][13]-2\langle 36\rangle\langle 23\rangle\langle 34)[34][13]-2\langle 34\rangle\langle 12\rangle[14]^2\langle 46\rangle+3/4\langle 36\rangle[24]\langle 24\rangle^2[14]\rangle}{\langle 12\rangle\langle 23\rangle[34][56\rangle\langle 2]3+4]1]\langle 2|1+4|3|}+
                                                     \frac{83/12\langle 36\rangle^2\langle 34\rangle\langle 12\rangle^2[36][35]\dots\langle (48\,\mathrm{terms})\dots+15/4\langle 14\rangle\langle 13\rangle\langle 24\rangle\langle 26\rangle[56][45]\langle 56\rangle}{\langle 12\rangle^2\langle 14\rangle\langle 23\rangle[34][56)[56]\langle 2[1+4]3]}+
                                                                                                                                                                                                               \frac{\langle 26\rangle^2\langle 13\rangle[24](-19/12\langle 26\rangle[36]-19/12[35]\langle 25\rangle)}{\langle 12\rangle^2\langle 23\rangle[34]^2\langle 56\rangle\langle 2|1+4|3]}+
                                                                                                                                                                                                                                                                                              \frac{-1\langle 6|1+5|3]\langle 13\rangle\langle 24\rangle\langle 16\rangle}{\langle 12\rangle^2\langle 56\rangle\langle 1|2+4|3]\langle 2|1+4|3|}+
                                                                                                                                                                                                                                                                                  \frac{-2/3\langle 46\rangle^2[34]\langle 13\rangle^2}{\langle 12\rangle\langle 14\rangle\langle 56\rangle\langle 1|2+3|4]\langle 2|1+4|3]} +
                                                                                                                                                                                                                                                                       \frac{-1[35]^2\langle 24\rangle[24]\langle 1|3+4|2]}{\langle 12\rangle[23][34][56]\langle 1|2+4|3]\langle 2|1+4|3|} +
                                                                                                                                                                                                                                                                       \frac{1[35]^2\langle 14\rangle\langle 24\rangle[24]^2}{\langle 12\rangle[23][34][56]\langle 1|2+4|3]\langle 2|1+4|3|} +
                                                                                                                                                                                                                                                                                  \frac{-1\langle 6|1+5|3][24]\langle 24\rangle\langle 16\rangle}{\langle 12\rangle[34]\langle 56\rangle\langle 1|2+4|3]\langle 2|1+4|3|} +
                                                                                                                                                                                                                                                                          \frac{2/3\langle 3|1+4|3|\langle 13\rangle^2\langle 46\rangle^2}{\langle 14\rangle^2\langle 23\rangle\langle 56\rangle\langle 1|2+3|4|\langle 2|1+4|3|} +
                                                                                                                                                                                                                                                                               \frac{-1\langle 13\rangle^2(s_{13}-s_{24})\langle 46\rangle^2}{\langle 14\rangle^2\langle 23\rangle\langle 56\rangle\langle 1|2+3|4]\langle 2|1+4|3]} +
                                                                                                                                                                                                                                                                                                                   \frac{-10/3\langle 23\rangle[15]^2\langle 14\rangle[14]}{\langle 12\rangle[34][56]\langle 2|3+4|1]^2} +
                                                                                                                                                                                                                                                                                                                                          \frac{2/3[15]^2\langle 3|2\!+\!4|1]}{[34][56]\langle 2|3\!+\!4|1]^2} +
                                                                                                                                                                                                                                                                                                                                          \frac{-3/4\langle 34\rangle[15]^2[14]}{[34][56]\langle 2|3+4|1]^2} +
                                                                                                                                                              \frac{\langle 26 \rangle (-5/3 \langle 26 \rangle \langle 13 \rangle [12] - 5/3 \langle 13 \rangle [14] \langle 46 \rangle + 5/3 \langle 36 \rangle \langle 24 \rangle [24])}{\langle 12 \rangle^2 [34] \langle 56 \rangle \langle 2|3 + 4|1]} + \\
                                                                                                                                                         \frac{\langle 26 \rangle (-19/12 \langle 34 \rangle [45][14] - 2/3 \langle 23 \rangle [45][12] + 2/3 \langle 23 \rangle [25][14])}{\langle 12 \rangle \langle 23 \rangle [34]^2 \langle 2|3 + 4|1]} + \\
                                                                                                                                                                                                                                    \frac{[14]^2\langle 26\rangle\langle 19/12\langle 14\rangle\langle 36\rangle-19/12\langle 13\rangle\langle 46\rangle\rangle}{\langle 12\rangle\langle 23\rangle[34]^2\langle 56\rangle\langle 2|3+4|1]}+
                                                                                                                                                                                                                                                        \frac{\langle 36\rangle\langle 26\rangle(-5/12\langle 34\rangle[14]+5/3\langle 23\rangle[12])}{\langle 12\rangle\langle 23\rangle[34]\langle 56\rangle\langle 2|3+4|1|}+
                                                                                                                     \frac{-1/4\langle 13\rangle^2\langle 24\rangle\langle 46\rangle[45]\ldots\langle\!(6\,\mathrm{terms}\!)\ldots+47/12\langle 36\rangle\langle 34\rangle\langle 13\rangle\langle 12\rangle[35]}{\langle 12\rangle^2\langle 14\rangle\langle 23\rangle[34]\langle 56\rangle[56]}+
                                        \frac{\langle 13 \rangle^2 (1\langle 46 \rangle \langle 13 \rangle \langle 24 \rangle [45] - 2/3[56] \langle 26 \rangle \langle 46 \rangle \langle 13 \rangle + 1[56] \langle 26 \rangle \langle 14 \rangle \langle 36 \rangle - 1[45] \langle 14 \rangle \langle 24 \rangle \langle 36 \rangle)}{\langle 12 \rangle^2 \langle 14 \rangle \langle 23 \rangle \langle 56 \rangle [56] \langle 1[2+3|4]} +
                                                                                                                                                                                                                                                                                                                             (123456 \rightarrow \overline{432165})+
                                                                                                                                                                           \frac{5/2(s_{24}-s_{13})(s_{124}-s_{134})\langle 26\rangle\langle 4|2+3|1][35]\langle 3|1+4|2]}{\Delta^2_{14|23|56}\langle 2|1+4|3|^2}+
                                           \frac{35/64(s_{123}-s_{234})(s_{124}-s_{134})(6|1+4|5|(4|2+3|1](s_{25}+s_{26}+s_{35}+s_{36})(3|1+4|2|1)}{\Delta^3_{14|23|56}\langle 2|1+4|3|}
```