```
\frac{-1/3i[12]\langle 16\rangle[16]^2\langle 24\rangle\langle 26\rangle^2\langle 4|1+6|2]^2}{\langle 45\rangle\langle 2|1+6|2]^3\langle 3|1+6|2]\langle 3|1+2|6]\langle 5|1+6|2]}
                                                                                                                     \frac{-1/3i[12]^2\langle 16\rangle[16]\langle 24\rangle^2\langle 26\rangle\langle 4|1+6|2]\langle 4|1+2|6|}{[26]\langle 34\rangle\langle 45\rangle\langle 2|1+6|2]^3\langle 3|1+2|6]\langle 5|1+6|2]}+
                                                   \frac{[16]\langle 24\rangle\langle 16\rangle^2[12]^2\langle 4|1+6|2](1/2i[16]\langle 24\rangle\langle 36\rangle-7/6i[16]\langle 23\rangle\langle 46\rangle+1i[12]\langle 23\rangle\langle 24\rangle)}{\langle 45\rangle\langle 2|1+6|2]^2\langle 3|1+6|2]^2\langle 3|1+2|6]\langle 5|1+6|2]}+
                                                                                                                         \frac{1/2i[12]^2\langle 14\rangle[16]\langle 24\rangle\langle 26\rangle\langle 4|1+6|2]\langle 4|1+2|6]}{[26]^2\langle 34\rangle\langle 45\rangle\langle 2|1+6|2]^2\langle 3|1+2|6|\langle 5|1+6|2]}+
                                                                                           \frac{\langle 26 \rangle [12] \langle 24 \rangle \langle 4|1+2|6] \langle 4|1+6|2] (-1/3i[16] \langle 46 \rangle + 7/6i[12] \langle 24 \rangle)}{[26] \langle 34 \rangle \langle 45 \rangle \langle 2|1+6|2]^2 \langle 3|1+2|6] \langle 5|1+6|2]} +
                                                        \langle 16 \rangle [12] \langle 24 \rangle (1/3i[16]^2[26]^2 \langle 36 \rangle^2 \langle 46 \rangle^2 \dots
                                                                                                                               \frac{[16]^2[26]^2\langle 36\rangle^2\langle 46\rangle^2\ldots\langle\!\langle 11\, terms\rangle\!\rangle\ldots -1i[12]^4\langle 13\rangle^2\langle 24\rangle^2)}{\langle 45\rangle\langle 2|1+6|2|\langle 3|1+6|2]^3\langle 3|1+2|6]\langle 5|1+6|2]}+
                                                                                                                                \frac{-1i[12]^3\langle 14\rangle^3[16]^2\langle 24\rangle}{[26]^3\langle 34\rangle\langle 45\rangle\langle 2|1+6|2]\langle 3|1+2|6]\langle 5|1+6|2]} +
                                                                                                                     \frac{[16][12]^2\langle 14\rangle^2\langle 24\rangle\langle 1/2i[16]\langle 46\rangle-7/2i[12]\langle 24\rangle)}{[26]^2\langle 34\rangle\langle 45\rangle\langle 2|1+6|2]\langle 3|1+2|6]\langle 5|1+6|2]}+
                                                                     \frac{[12]\langle 14\rangle\langle 24\rangle(-1/3i[16]^2\langle 46\rangle^2+5/3i[12][16]\langle 24\rangle\langle 46\rangle-13/3i[12]^2\langle 24\rangle^2)}{[26]\langle 34\rangle\langle 45\rangle\langle 2]1+6[2]\langle 3|1+2|6]\langle 5|1+6|2]}+
                                                           \frac{\langle 26\rangle\langle 24\rangle\langle 4|1+6|2|(-1/3i|16)^2\langle 46\rangle^2+7/6i[12][16]\langle 24\rangle\langle 46\rangle-11/6i[12]^2\langle 24\rangle^2)}{\langle 34\rangle\langle 45\rangle\langle 2|1+6|2|\langle 3|1+2|6|\langle 5|1+6|2|s_{345}+6i(12)^2\langle 24\rangle^2)}+
\underbrace{[16]\langle 16\rangle\langle 6|2+3|1]\langle 2|1+6|3]\langle 4|1+6|5]s_{\underbrace{145}(15/128i\langle 16\rangle[16]+5/64i\langle 26\rangle[26]+15/64i\langle 36\rangle[36]+5/32i\langle 46\rangle[46])}_{\perp}
                                                                                                                                                 \langle 1|2+3|6]\langle 3|1+6|2]\langle 5|1+6|4]\Delta^2_{624}
\frac{[16]\langle 16\rangle\langle 6|2+3|1]\langle 2|1+6|3]\langle 4|1+6|5]s_{123}\langle 15/128i\langle 16\rangle[16]+5/64i\langle 26\rangle[26]+15/64i\langle 36\rangle[36]+5/32i\langle 46\rangle[46])}{\langle 1|2+3|6]\langle 3|1+6|2\rangle\langle 5|1+6|4|\Delta_{624}^2}+
                                                                                                                 \frac{1/48 i \langle 16 \rangle [56]^2 \langle 2|1+6|3] \langle 2|1+6|5] \langle 6|2+3|1] \Omega_{624}}{[45] \langle 1|2+3|4] \langle 1|2+3|6] \langle 3|1+2|6] \Delta_{624}^2} + \\
                                                -\frac{96 i \langle 12 \rangle [12]^2 [13] \langle 14 \rangle \langle 24 \rangle^2 [35] \dots \langle (18 \, \text{terms}) \dots -1/2 i [13] \langle 14 \rangle [15] \langle 23 \rangle [35]^2 \langle 45 \rangle^2}{[23] \langle 45 \rangle \langle 1] [2+3] 6 [\langle 31 + 2 | 6] \Delta_{624}} +
                                                                                                                                      \frac{1/4i[12]^2\langle 34\rangle\langle 36\rangle\langle 4|1+6|5|s_{345}\Omega_{246}}{\langle 3|1+6|2]^3\langle 3|1+2|6]\langle 5|1+6|2]\Delta_{624}}+
                                                                                                           \frac{\langle 16 \rangle [12]^2 \langle 24 \rangle \langle 34 \rangle \langle 4|1+6|2] (-2i[16] \langle 36 \rangle +1i[12] \langle 23 \rangle)}{\langle 45 \rangle \langle 3|1+6|2]^3 \langle 3|1+2|6] \langle 5|1+6|2]} +
                   \frac{[16]\langle 16\rangle[12]\langle 4|1+6|5]\Omega_{\mathbf{246}}\langle -3/16i[16][23]\langle 24\rangle\langle 36\rangle^{2}\ldots\langle\!\langle 4\,\mathrm{terms}\rangle\!\rangle\ldots +3/16i[13]\langle 23\rangle[23]\langle 34\rangle\langle 36\rangle)}{\langle 3|1+6|2]^{2}\langle 3|1+2|6]\langle 5|1+6|2]\Delta_{\mathbf{624}}^{2}}+
                                 \frac{[12]\langle 4|1+6|5|(-1/8i\langle 16\rangle[16]^2\langle 36\rangle^2[36]\langle 46\rangle\dots\langle(16\,\mathrm{terms})\dots-1/4i\langle 12\rangle[12]^3\langle 14\rangle\langle 23\rangle\langle 26\rangle)}{\langle 3|1+6|2|^2\langle 3|1+2|6|\langle 5|1+6|2|\Delta_{624}}+
                                 \frac{[16]\langle 24\rangle[12]\langle 36\rangle\langle 2i[16][26]\langle 46\rangle^2+2i[12]\langle 14\rangle[16]\langle 46\rangle-2i[12]\langle 24\rangle[26]\langle 46\rangle-2i[12]^2\langle 14\rangle\langle 24\rangle)}{[16]\langle 45\rangle\langle 3|1+6|2]^2\langle 3|1+2|6\rangle\langle 5|1+6|2]}+
                                                                                                                                                           1/48i[16]^2\langle 46\rangle^3s_{345}^2\Omega_{246}
                                                                                                                                       \frac{\sqrt{45}\langle 3|1+6|2]\langle 3|1+2|6]\langle 5|1+6|2]\Delta_{624}^{2}}{\langle 45\rangle\langle 3|1+6|2]\langle 3|1+2|6]\langle 5|1+6|2]\Delta_{624}^{2}}
                                 [16](6i\langle 1\underline{6}\rangle^3[16]^4[25]\langle 26\rangle\langle 46\rangle^2\ldots\langle\!\langle 238\,\mathrm{terms}\rangle\!\rangle
                                                                                                                                                                                                                                        +5/8i\langle 12\rangle^{2}[12][15]^{3}\langle 16\rangle[25]\langle 45\rangle^{2}\langle 56\rangle)
                                                                                                                                               \frac{1}{\langle 3|1+6|2]\langle 3|1+2|6]\langle 5|1+6|2]}\Delta_{624}^{2}
                         [16]\Pi_{246}(1/16i[15]\langle 16\rangle^3[16]^3\langle 46\rangle^2...\langle 111\,\mathrm{terms}\rangle...
                                                                                                                                                                                                                                                    +1i\langle12\rangle[12][15]^2\langle16\rangle\langle24\rangle[25]\langle45\rangle\langle56\rangle)_{\perp}
                                                                                                                                               \frac{1}{(3|1+6|2](3|1+2|6](5|1+6|2]\Delta_{624}^2}
                                                              \frac{-1/12 i \langle 16 \rangle^2 [16]^4 \langle 46 \rangle^3 \ldots \langle \! (139 \, \mathrm{terms}) \! \rangle \ldots + 1/4 i [12]^2 [13]^2 \langle 14 \rangle^2 \langle 23 \rangle^2 \langle 46 \rangle}{\langle 45 \rangle \langle 3 | 1+6 | 2 | \langle 3 | 1+2 | 6 | \langle 5 | 1+6 | 2 | \Delta_{624} + 2 | 2 | \Delta_{624} + 2
                                                                                                                                                               -1i[12]^2\langle 14 \rangle^3[16]^2\langle 4|3+5|1]
                                                                                                                                        \frac{\overline{[26]^3\langle 34\rangle\langle 45\rangle\langle 3|1+2|6]\langle 5|1+6|2]}s_{345}}{[26]^3\langle 34\rangle\langle 45\rangle\langle 3|1+2|6]\langle 5|1+6|2]s_{345}}
                                                                                                              \frac{[16][12]\langle 14\rangle^2\langle 4|3+5|1](1/2i[16]\langle 46\rangle-7/2i[12]\langle 24\rangle)}{[26]^2\langle 34\rangle\langle 45\rangle\langle 3|1+2|6]\langle 5|1+6|2]s_{345}}+
                                                                    \begin{array}{l} \langle 14 \rangle \langle 4|3+5|1|(-1/3i[16]^2\langle 46)^2+5/3i[12]|16|(24)\langle 46\rangle-13/3i[12]^2\langle 24\rangle^2) \\ |26|\langle 34\rangle\langle 45\rangle\langle 3|1+2|6|\langle 5|1+6|2|s_34_5 \end{array} +
                                     \frac{3025/64i[13][15](16)^3[16]^3(24)\langle 46\rangle\dots\langle 275\,\mathrm{terms}\rangle,\dots+12i[13]\langle 14\rangle^2\langle 15\rangle[15]^4\langle 25\rangle\langle 56\rangle}{\langle 3|1+2|6|\langle 5|1+6|2|\Delta_{624}^2\rangle} +
                                                            \frac{607/12i[16]^2\langle 26\rangle[36]\langle 46\rangle^3\ldots\langle\!\langle 28\,\mathrm{terms}\rangle\!\rangle\ldots-96i[16]\langle\!\langle 45\rangle\langle\!\langle 3|1+2|6]\langle\!\langle 5|1+6|2]\Delta_{624}}{\langle 45\rangle\langle\!\langle 3|1+2|6]\langle\!\langle 5|1+6|2|\Delta_{624}}
                                                                                                                                                                                                                                                  -96i[13]^2\langle 14\rangle[14]\langle 24\rangle\langle 34\rangle\langle 46\rangle
                                                                                                                                                                         (123456 
ightarrow \overline{654321}) +
                                                                                                                                   \frac{-1/4 i \langle 12 \rangle^2 \langle 14 \rangle [36] [56]^2 \langle 6|2+3|1] \Omega_{\mbox{624}}}{\langle 1|2+3|4] \langle 1|2+3|6]^3 \langle 3|1+2|6] \Delta_{\mbox{624}}} +
                                                                                                                                          \frac{1i\langle 12\rangle^3[56]^3\langle 6|2+3|1]s_{\textstyle 123}}{\langle 23\rangle[45]\langle 1|2+3|4]\langle 1|2+3|6]^3\langle 3|1+2|6]}.
                                                                                                                              -3/16i\langle12\rangle^2\langle14\rangle[36][56]^2\langle6|2+3|1]^2\Omega_{624}
                                                                                                                                             \langle 1|2+3|4]\langle 1|2+3|6]^2\langle 3|1+2|6]\Delta_{624}^2
                                                                                                                                             \frac{2[16]\langle 24\rangle[36][56]\dots\langle\langle 26\,\mathrm{terms}\rangle\rangle\dots}{\langle 1|2+3|4]\langle 1|2+3|6]^2\langle 3|1+2|6]\Delta_{624}}
                                 [56]\langle \underline{12}\rangle\langle 6|2+3|1](3/8i\langle 16\rangle^2[16]\langle 24\rangle[36][56]
                                                                                                                                                                                                                                                                                    -3/8i\langle12\rangle\langle13\rangle[13]^2\langle14\rangle[56])
                                                                                                                  \frac{[56]^2\langle 12\rangle^2\langle 6|2+3|1](1/2i\langle 26\rangle[56]-1/2i\langle 23\rangle[35])}{\langle 23\rangle[45]\langle 1|2+3|4]\langle 1|2+3|6]^2\langle 3|1+2|6|}+
                                                \underline{[16]\langle 16\rangle\langle 6|2+3|1]\langle 2|1+6|3]\langle 4|1+6|5]}\Pi_{624}\Pi_{246}\Pi_{462}\underline{(5/256}is_{145}+5/256is_{123})}_{+}
                                                                                                                                               \frac{624}{(1|2+3|6](3|1+6|2](5|1+6|4]}\Delta^3_{624}
                                              \frac{-9/8i\langle 24\rangle\langle 26\rangle^5[26]^4[35][56]\dots\langle (298\text{terms})\rangle\dots+7/8i\langle 25\rangle^2[35]^3\langle 36\rangle^3[36]\langle 45\rangle[56]^2}{\langle 1|2+3|4]\langle 1|2+3|6]\langle 3|1+2|6|\Delta_{624}^2}+
                             \frac{\Pi_{624}(369/16i\langle24\rangle\langle26\rangle^4[26]^3[35][56]\ldots\langle\!\langle163\,\mathrm{terms}\rangle\!\rangle\ldots-23/48i\langle25\rangle^2[35]^3\langle36\rangle^2\langle45\rangle[56]^2)}{\langle1|2+3|4]\langle1|2+3|6]\langle3|1+2|6]\Delta_{624}^2}+
                                      \frac{193/2i\langle12\rangle[15]\langle16\rangle^2[16]^2\langle26\rangle^2[56]^2\ldots(395\,\mathrm{terms})\ldots-191/2i\langle15\rangle[15]\langle23\rangle^3\langle35\rangle[35]^4}{\langle23\rangle[45]\langle1|2+3|4]\langle1|2+3|6]\langle3|1+2|6]\Delta_{624}}+
   \frac{-20655/256i\langle14\rangle[15]\langle16\rangle^2[16]^3\langle26\rangle^2[35]\ldots\langle\!(646\,\mathrm{terms})\!\!)\ldots -3055/96i[15]\langle24\rangle\langle25\rangle^2[25]^2\langle26\rangle\langle35\rangle[35]^2}{\langle1|2+3|4]\langle3|1+2|6|\Delta_{624}^2}
```