```
\frac{1/2i[12]^3\langle 34\rangle^3s_{345}^2\Omega_{246}}{[16]\langle 45\rangle\langle 3|1+6|2|^4\langle 3|1+2|6|\langle 5|1+6|2|}+
                                                                            \frac{-1/4i[12]^3\langle 16\rangle\langle 34\rangle^3[45]\langle 2|1+6|3]s_{345}\Pi_{246}}{\langle 3|1+6|2|^3\langle 3|1+2|6|\langle 5|1+6|2|\Delta_{624}}+
                                                         \frac{\langle 16\rangle[12]^3\langle 34\rangle^3[45]\langle 2|1+6|3]^2\Pi_{\mathbf{246}}(-1/8is_{\mathbf{345}}-1/16is_{\mathbf{245}})}{\langle 3|1+6|2|^2\langle 3|1+2|6|\langle 5|1+6|2|\Delta_{\mathbf{624}}^2+
                                                      5/32i\langle 16\rangle[16]\langle 23\rangle[23]\langle 45\rangle[45]\langle 2|1+6|3]\langle 4|1+6|5]\langle 6|2+3|1]\Pi_{246}
                                                                                         (1|2+3|6](3|1+6|2](5|1+6|4]\Delta_{624}^2
\lceil 12 \rceil^2 \langle 34 \rangle^2 \langle 2 | 1 + 6 | 3 | (-5/4i\langle 16 \rangle^2 \lceil 16 \rceil^2 \langle 26 \rangle \lceil 35 ] \langle 36 \rangle \lceil 36 \rceil \dots \\ \langle 152 \, \mathrm{terms} \rangle \rangle \dots \\ -5/8i[15] \langle 16 \rangle \langle 23 \rangle \lceil 23 \rceil \langle 25 \rangle^2 \lceil 25 \rceil \lceil 35 \rceil \rangle
                                                                                         (3|1+6|2](3|1+2|6](5|1+6|2)\Delta_{624}^{2}
    -3/16i[13]^2\langle 14\rangle[15]\langle 16\rangle^2[16]^2\langle 23\rangle\langle 36\rangle[36]\langle 46\rangle\dots\langle 1340\,\mathrm{terms}\rangle\dots -3i\langle 13\rangle[13]^2\langle 14\rangle\langle 15\rangle^2[15]^4\langle 26\rangle\langle 45\rangle
                                                                                                      (3|1+2|6|(5|1+6|2)\Delta_{624}^2
                                                                                                           (123456 \rightarrow 345612) +
                                                                                                           (123456 \rightarrow 561234) +
                                       5/128i\langle 16\rangle[16]\langle 23\rangle[23]\langle 45\rangle[45]\langle 2]1+6|3]\langle 4]1+6|5]\langle 6|2+3|1]\Pi_{624}\Pi_{246}\Pi_{462}
```

 $\langle 1|2+3|6\rangle\langle 3|1+6|2\rangle\langle 5|1+6|4\rangle\Delta_{624}^{3}$