```
m_{t}(\langle 2|3|1+2|4|1|-\langle 2|4|1+2|3|1|) \mathrm{tr}(1+2|3+4)(-3/16m_{x}^{2}\langle 14\rangle\langle 2|3|2|^{3}[31]\ldots (\%76\,\mathrm{terms})\ldots +3/16\langle 2|4|2|[32]\langle 1|3|4|2\rangle[1|3|4|2]\langle 24\rangle)
                                                                                                                                                                                                                                                                                                                                                                                                                             \langle 12 \rangle [12] \Delta^2_{12|3|4|5}
                                                                                                                                                                                                        \frac{m_{t}(-7/6\mathrm{tr}(\mathbf{3}|\mathbf{4})\langle 2|\mathbf{4}|2]\langle 2\mathbf{4}\rangle[\mathbf{3}2]\ldots\langle\!\langle 5\,\mathrm{terms}\rangle\!\rangle\ldots+7/3\langle 1\mathbf{4}\rangle[\mathbf{3}|\mathbf{4}|2\rangle\langle 2|\mathbf{4}|2][12])}{\langle 1|\mathbf{3}|1+2|\mathbf{4}|2|}
                                                                                             m_t(7/6m_t^2\langle 32\rangle\langle 2|4|2|[24]-7/6\text{tr}(3|4)\langle 32\rangle\langle 2|4|2|[24]+7/6m_t^2\langle 32\rangle[24]\langle 2|3|2]-7/6\langle 1|3|4]\langle 31\rangle[1|3|4|1])
                                                                                                                                                                                                                                                                                                                                                                                                                                                    (1|3|1+2|4|2
                                                                                                                                                                                    \frac{[\mathbf{3}2]m_t(-7/3[2|\mathbf{3}|\mathbf{4}|2][1|\mathbf{3}|\mathbf{4}\rangle\langle12)^2\ldots\langle\!\langle\mathbf{4}\,\mathrm{terms}\rangle\!\rangle\ldots-7/3\langle\mathbf{2}\mathbf{4}\rangle[2|\mathbf{3}|\mathbf{4}|2]\langle1|\mathbf{3}|1]\langle12\rangle\rangle}{\langle1|\mathbf{3}|1+2|\mathbf{4}|2]\langle1|\mathbf{5}|2|}+
                                                                                                                                                                                                                                   \frac{m_t(-2/3\langle 2|\mathbf{3}|2]^2\langle 2\mathbf{4}\rangle[\mathbf{3}2]\ldots\langle\!\langle 8\,\mathrm{terms}\rangle\!\rangle\ldots-1/3\langle 1\mathbf{4}\rangle[1|\mathbf{3}|\mathbf{4}|1][\mathbf{3}|\mathbf{4}|1\rangle\!)}{\langle 1|\mathbf{4}|1+2|\mathbf{3}|2|}+
                                                                                                                                                                                                                                   \frac{\langle \mathbf{3} 2 \rangle m_t (-1/3 \langle 1 | \mathbf{3} | 2] [14] \langle 2 | \mathbf{3} | 2] \dots \langle 4 \text{ terms} \rangle \dots -1/3 [2 | \mathbf{3} | 4 | 2] \langle 2 | \mathbf{3} | 4])}{\langle 1 | 4 | 1 + 2 | \mathbf{3} | 2|} +
                                                                                                                                                                                                                    \frac{\langle 2|\mathbf{3}|2][\mathbf{3}2]m_{t}(-2/3\langle 1\mathbf{4}\rangle\langle 2|\mathbf{3}|2]^{2}\ldots\langle\!\langle 3\,\mathrm{terms}\rangle\!\rangle\ldots + 2/3[2|\mathbf{3}|\mathbf{4}\rangle\langle 2|\mathbf{4}|2]\langle 12\rangle\rangle}{\langle 1|\mathbf{4}|1+2|\mathbf{3}|2|\langle 1|\mathbf{5}|2|} + \frac{1}{2}(2|\mathbf{3}|\mathbf{4})\langle 2|\mathbf{4}|2|\langle 1|\mathbf{4}\rangle\rangle}{\langle 1|\mathbf{4}|1+2|\mathbf{3}|2|\langle 1|\mathbf{5}|2|} + \frac{1}{2}(2|\mathbf{4}|\mathbf{4}|2)\langle 1|\mathbf{4}\rangle\rangle} + \frac{1}{2}(2|\mathbf{4}|\mathbf{4}|2)\langle 1|\mathbf{4}|2\rangle}{\langle 1|\mathbf{4}|1+2|\mathbf{3}|2\rangle\langle 1|\mathbf{5}|2\rangle} + \frac{1}{2}(2|\mathbf{4}|2)\langle 1|\mathbf{4}|2\rangle\langle 1|2\rangle\langle 1|2\rangle\langle
                                                                                                                                                                                                                             \frac{m_t(2/3\langle 2|4|1][\mathbf{3}|4|2\rangle[1|\mathbf{3}|4\rangle\ldots\langle\!\langle 5\,\text{terms}\rangle\!\rangle\ldots-1/3\langle 2|\mathbf{3}|4|2\rangle[1|\mathbf{3}|4\rangle[\mathbf{3}1])}{\langle 2|\mathbf{3}|1+2|4|1|} + \\
                                                                                                                                                                                    m_t(2/3\langle 2|\mathbf{3}|1]\langle \mathbf{3}|\mathbf{4}|1]\langle 2|\mathbf{3}|\mathbf{4}] - 1/3\langle \mathbf{3}2\rangle[1|\mathbf{3}|\mathbf{4}|1]\langle 2|\mathbf{3}|\mathbf{4}] + 1/3\mathrm{tr}(\mathbf{3}|\mathbf{4})\langle 2|\mathbf{4}|1]\langle \mathbf{3}2\rangle[1\mathbf{4}]) \ ,
                                                                                                                                                                                                                      \frac{m_{\boldsymbol{t}}(7/3\langle 2|\mathbf{4}|1][\mathbf{3}|\mathbf{4}|2\rangle[1|\mathbf{3}|\mathbf{4})\ldots\langle\langle 3\,\mathrm{terms}\rangle\rangle\ldots+7/3\langle 2|\mathbf{3}|\mathbf{4}|2\rangle\langle 2\mathbf{4}\rangle[\mathbf{3}1][12])}{\langle 2|\mathbf{4}|1+2|\mathbf{3}|1|}+
                                                                                                                                                                                                                 \frac{m_t(7/3\langle 2|\mathbf{3}|1]\langle \mathbf{3}|\mathbf{4}|1]\langle 2|\mathbf{3}|\mathbf{4}]\dots\langle\langle\mathbf{4}|\text{terms}\rangle\dots+7/6\text{tr}(\mathbf{3}|\mathbf{4})\langle 2|\mathbf{4}|1]\langle\mathbf{3}2\rangle[1\mathbf{4}])}{\langle 2|\mathbf{4}|1+2|\mathbf{3}|1|}+\frac{m_t(7/3\langle 2|\mathbf{3}|1)\langle 2|\mathbf{4}|1)\langle 2|\mathbf{4}|1\rangle(2|\mathbf{4}|1)}{\langle 2|\mathbf{4}|1+2|\mathbf{3}|1|}+\frac{m_t(7/3\langle 2|\mathbf{3}|1)\langle 2|\mathbf{4}|1)\langle 2|\mathbf{4}|1\rangle(2|\mathbf{4}|1)}{\langle 2|\mathbf{4}|1+2|\mathbf{3}|1\rangle(2|\mathbf{4}|1)\langle 2|\mathbf{4}|1\rangle(2|\mathbf{4}|1)\langle 2|\mathbf{4}|1\rangle(2|\mathbf{4}|1)}
                                                                                                                            m_t(-13/12\langle 2|\mathbf{3}|2|^2m_t^2\langle 1|\mathbf{3}|1][\mathbf{3}1]\langle 1\mathbf{4}\rangle\dots\langle\langle 36\,\mathrm{terms}\rangle\rangle\dots-1/6[1|\mathbf{3}|\mathbf{4}|1]\langle 1|\mathbf{3}|\mathbf{4}|1\rangle\langle 1|\mathbf{3}|1][\mathbf{3}1]\langle 1\mathbf{4}\rangle)
                                                                                                                                                                                                                                                                                                                                                                                                                                  (1|5|2]\Delta_{12|3|4|5}
                                                                                                                                                                                                                                                                                                                                                                                            \frac{-7/12m_t^3\langle \mathbf{32}\rangle\langle 2|\mathbf{4}|2]^3[2\mathbf{4}]}{\langle 1|\mathbf{5}|2|\Delta_{12|\mathbf{3}|\mathbf{4}|\mathbf{5}}} +
                                                                                                                                          \frac{m_t(5/3[3|4|2)[2|3|4\rangle\langle12)^2[1|3|4|1]\dots\langle121\,\mathrm{terms})\dots+3/8\langle24\rangle\mathrm{tr}(3|4)[32]\langle2|3|4|2\rangle\langle2|4|2])}{\langle12\rangle\Delta_{12}|3|4|5}+\frac{m_t(5/3[3|4|2)[2|3|4\rangle\langle12)^2[1|3|4|1]\dots\langle12|3|4|1)}{\langle12\rangle\Delta_{12}|3|4|5}
                                                                                                                                                   m_{+}(-3/8\langle 1|\mathbf{3}|\mathbf{4}]\langle 2|\mathbf{4}|1]^{2}\langle 12\rangle\langle \mathbf{3}|\mathbf{4}|2]\ldots\langle\!\langle 23\,\mathrm{terms}\rangle\!\rangle\ldots\underline{-3/4\langle 2|\mathbf{3}|2]\langle 1|\mathbf{3}|1]\langle 2|\mathbf{3}|\mathbf{4}|2\rangle\langle \mathbf{3}1\rangle[1\mathbf{4}])}_{+}
                                                                                                                                                                                                                                                                                                                                                                                                                                           \langle 12 \rangle \Delta_{12|3|4|5}
                                                                                                                                                                                                                                                                                                                                                                                                                               (12345 \rightarrow \overline{21435})
```