

$$\begin{aligned}
& \frac{m_t^2(5/3(12)(34|2)(14) \dots \langle 4 \text{ terms} \rangle \dots - 5/6 \text{tr}(34)(14)(31))}{(135|1)(15|2)} + \\
& \frac{[24](12)m_t^2(5/6(34|1) - 5/6(32)(12))}{(135|1)(15|2)} + \\
& \frac{(31)m_t(-5/6[14](134|1) \dots \langle 4 \text{ terms} \rangle \dots - 5/6(134|\text{tr}(34) - 5/6(134|(24|2))}{(135|1)(15|2)} + \\
& \frac{5/3(34)m_t^2}{(15|2)} + \\
& \frac{m_t(5/6(32)[24] - 5/6[14](31))}{(15|2)} + \\
& \frac{m_t((3 \otimes (1|2|3+4|3+4) - |1+3+4|1|4|3+4| + |1+3+4|3+4|4|1+2| - |3+4|2|3+4|4|1+2|) \otimes 4)) (5/24(1|3|1) - 5/24(2|3|2) + 5/24 \text{tr}(34) + 5/12 m_t^2)}{(15|2) \Delta_{12|34|5}} + \\
& \frac{m_t^2(5/12(24)(34|1)(2|3|2) \dots \langle 13 \text{ terms} \rangle \dots + 5/6(24)(34|1|\text{tr}(34))}{\Delta_{12|34|5}} + \\
& \frac{(32)m_t(5/24 \text{tr}(34)^2|14| + 5/8 \text{tr}(34)(13|1)|14| - 5/24 \text{tr}(34)(2|3|2)|14| - 5/12(2|34|1|3|4|2))}{\Delta_{12|34|5}} + \\
& (12345 \rightarrow -21345) + \\
& \frac{m_t^2(3(12)(34|2)(14) \dots \langle 3 \text{ terms} \rangle \dots - 3/2 \text{tr}(34)(14)(31))}{(135|1)(15|2)} + \\
& \frac{[24](12)m_t^2(3/2(34|1) - 3/2(32)(12))}{(135|1)(15|2)} + \\
& \frac{(31)m_t(-3/2[14](134|1) \dots \langle 4 \text{ terms} \rangle \dots - 3/2(134|\text{tr}(34) - 3/2(134|(24|2))}{(135|1)(15|2)} + \\
& \frac{(32)m_t(-8/3(2|34| + 8/3(12)|14|))}{(12)(s_{124} - m_t^2)} + \\
& \frac{8/3(24)(34|2)m_t}{(12)(s_{124} - m_t^2)} + \\
& \frac{(8/3(24)(32)(2|3|2) \dots \langle 3 \text{ terms} \rangle \dots - 8/3(24)(32)m_t^2)}{(12)(s_{124} - m_t^2)} + \\
& \frac{-8/3(2|34|34|2)}{(12)(s_{124} - m_t^2)} + \\
& \frac{-8/3 \text{tr}(34)(24|1)(34)}{(12)(12)(s_{124} - m_t^2)} + \\
& \frac{(\text{tr}(5|3)\text{tr}(5|4) - 2m_h^2 \text{tr}(34))m_t((2|3|1+2|4|1) - (2|4|1+2|3|1))(-3/16(32)[24](2|4|2)m_t^2 \dots \langle 29 \text{ terms} \rangle \dots - 1/48 \text{tr}(34)(2|34|34|2))}{(12)[12] \Delta_{12|34|5}^2} + \\
& \frac{m_t(\text{tr}(5|3)\text{tr}(34) - 2m_t^2 \text{tr}(5|4))((2|3|1+2|4|1) - (2|4|1+2|3|1))(5/24(1|3|2)(32)(2|3|2)|14| \dots \langle 45 \text{ terms} \rangle \dots + 1/48 \text{tr}(34)(2|34|34|2))}{(12)[12] \Delta_{12|34|5}^2} + \\
& \frac{m_t((3 \otimes (1|2|3+4|4|3+4) - |1+3+4|1|4|3+4| + |1+3+4|3+4|4|1+2| - |3+4|2|3+4|4|1+2|) \otimes 4)) (3/8(1|3|1) - 3/8(2|3|2) + 3/8 \text{tr}(34) - 3/4 m_t^2)}{(15|2) \Delta_{12|34|5}} + \\
& \frac{m_t(3/2(32)[24] - 3/2[14](31))}{(15|2)} + \\
& \frac{3m_t^2(34)}{(15|2)} + \\
& \frac{(\text{tr}(5|3)\text{tr}(5|4) - 2m_h^2 \text{tr}(34))m_t^2(-1/3(34|1)(2|34|2)(14) \dots \langle 11 \text{ terms} \rangle \dots - 1/3(24)(2|34|2)(34|2))}{(12) \Delta_{124|35} \Delta_{12|34|5}} + \\
& \frac{(2|34|2)(34)(\text{tr}(5|3)\text{tr}(5|4) - 2m_t^2 \text{tr}(34))m_t^2(1/6 \text{tr}(34) + 1/6(2|3|2) + 1/6(1|3|1))}{(12) \Delta_{124|35} \Delta_{12|34|5}} + \\
& \frac{m_t(-5/12(12)(34|2)(2|3|1)(2|34| \dots \langle 54 \text{ terms} \rangle \dots + 7/6(32)[24](24|1)(134|2))}{(12) \Delta_{12|34|5}} + \\
& \frac{m_t(1/4(24)(32)(2|34|2)(14|1) \dots \langle 16 \text{ terms} \rangle \dots + 1/4(31)(2|34|2)(14)\text{tr}(34))}{(12) \Delta_{12|34|5}} + \\
& \frac{m_t(1/6 \text{tr}(34)(2|34|1|34|1)(31) \dots \langle 14 \text{ terms} \rangle \dots + 2/3(32)[24](24|1)m_t^4)}{(12)[12] \Delta_{12|34|5}} + \\
& \frac{(2/3 \text{tr}(34)(32)(2|34|2)(2|34| \dots \langle 10 \text{ terms} \rangle \dots - 1/3(12)(34)\text{tr}(34)(2|31)(2|3|2))}{(12) \Delta_{12|34|5}} + \\
& \frac{\text{tr}(34)(2|34|2)(34)(-1/3 \text{tr}(34) + 1/3(1|3|1) + 1/3(2|3|2))}{(12) \Delta_{12|34|5}} + \\
& \frac{\text{tr}(34)(-2/3(34|1)(2|34|2)(2|34| - 2/3(34)(134|1)(134|2))}{(12)[12] \Delta_{12|34|5}} + \\
& (12345 \rightarrow 21345)
\end{aligned}$$