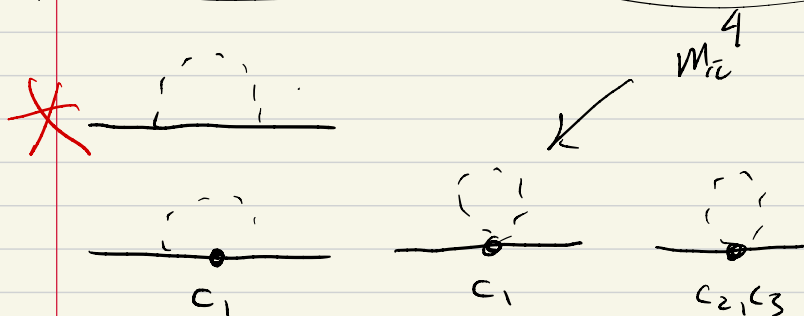


Nov 2

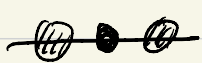

partial, complete NNLO M_N calculation



$\rightarrow \frac{1}{2} \text{wf} \text{ } c_1 + c_1 \text{wf} \frac{1}{2}$

$\frac{2}{\partial v \cdot p} \text{ } \text{diagram} \text{ } |_{v \cdot p = 0}$

$= \frac{i \epsilon}{p^2 - 2(p^2)}$

 $=$  $m_{\tilde{t}}^2$ $z = 1 + \delta z$

$+ \text{diagram} m_{\tilde{t}}^4$
 $+ \text{diagram} m_{\tilde{t}}^4$
 $+ \text{diagram} m_{\tilde{t}}^6$

$\sim m_{\tilde{t}}^2$

$\uparrow c_1 \leftarrow$

$\text{diagram} \neq \text{diagram}$

LO
perturbative
external
legs

$\text{diagram} = \sqrt{1 + \delta z} \text{ } \text{diagram} \text{ } \sqrt{1 + \delta z}$