

Dyson-Schwinger equations:

$$\begin{aligned}
 \text{(i)} \quad S &= S_0 + \Sigma S = \text{diagram} + \Gamma_{qg} \text{diagram} + \Gamma_{q\chi} \text{diagram} \\
 \text{(ii)} \quad D &= D_0 + \Pi D = \text{diagram} + \Gamma_{gq} \text{diagram} + \Gamma_{gg} \text{diagram} \\
 \text{(iii)} \quad \Delta &= \Delta_0 + \Xi \Delta = \text{diagram} + \Gamma_{\chi\chi} \text{diagram} + \Gamma_{\chi U} \text{diagram} + \Gamma_{\chi q} \text{diagram} + \Gamma_{\chi g} \text{diagram} \\
 \text{(iv)} \quad \tilde{\Delta} &= \tilde{\Delta}_0 + \tilde{\Xi} \tilde{\Delta} = \text{diagram} + \Gamma_{U\chi} \text{diagram}
 \end{aligned}$$