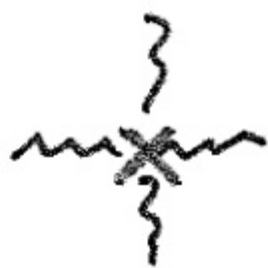$$\longrightarrow \ 1 + \delta_g + \delta_2 + \tfrac{1}{2}\delta_3$$

$$\longrightarrow \ 1 + \tfrac{3}{2}\delta_g + \delta_g$$

$$\longrightarrow \ 1 + 2\delta_3 + 2\delta_g$$

$$\longrightarrow \ i\left(\not{p}\,\delta_2 - (\delta_m + \delta_2)m_R\right)$$

$$\longrightarrow \ -i\delta_3\, p^2 g^{\mu\nu}\ (\mp G)$$