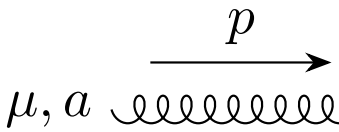
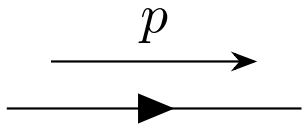
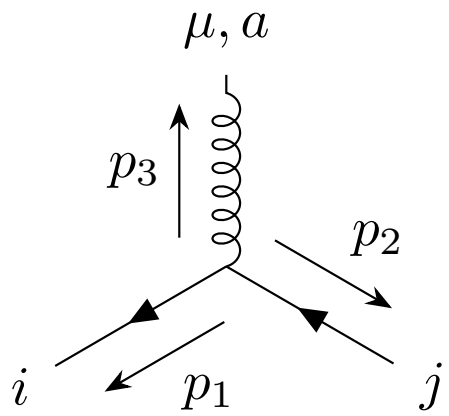


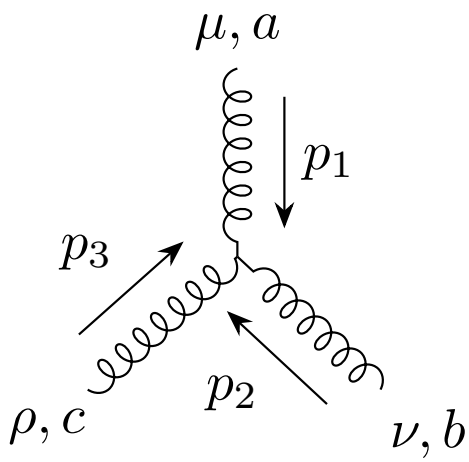
$$= -\mathrm{i}\delta_{ab}\left[\frac{g^{\mu\nu}}{p^2+i\epsilon} - (1-\xi)\frac{k^\mu k^\nu}{(k^2)^2}\right]$$



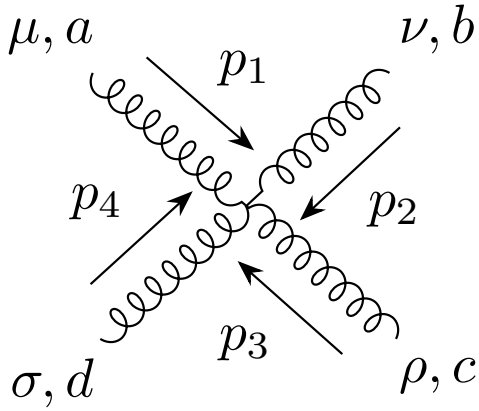
$$= \frac{\mathrm{i}(\not{p} + m_f)}{p^2 - m_f^2 + i\epsilon}$$



$$= -\mathrm{i}g_s\gamma^\mu T^a_{ij}$$



$$\begin{aligned} = -g_s f^{abc}\big[&g^{\mu\nu}(p_1-p_2)^\rho \\ &+g^{\nu\rho}(p_2-p_3)^\mu \\ &+g^{\rho\mu}(p_3-p_1)^\nu\big] \end{aligned}$$



$$\begin{aligned} = -\mathrm{i}g_s^2\big[&f^{eab}f^{ecd}(g^{\mu\rho}g^{\nu\sigma} - g^{\mu\sigma}g^{\nu\rho}) \\ &+f^{eac}f^{edb}(g^{\mu\sigma}g^{\rho\nu} - g^{\mu\nu}g^{\rho\sigma}) \\ &+f^{ead}f^{ebc}(g^{\mu\nu}g^{\rho\sigma} - g^{\mu\rho}g^{\nu\sigma})\big] \end{aligned}$$