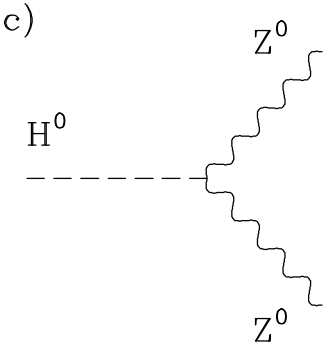
(c)



$$\frac{i g m_Z}{\cos\theta_W} g^{\mu\nu}$$