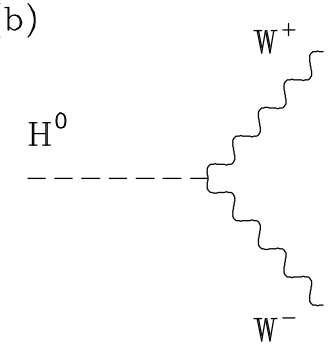
(b)



$$i g m_W g^{\mu\nu}$$