

Contents

$$1 + 2 = 3 \quad (1)$$

$$3 + 4 = 5678910 \quad (2)$$

$$1 + 2 = 3 \quad (3)$$

$$33 + 44 = 5678910 \quad (4)$$

Theo công thức (4), ta có

$$2 + 2 = 41 + 1 = \begin{cases} 1 & \text{if } 1 = 2 \\ 2 & \text{if } 1 = 3 \end{cases} \quad (5)$$

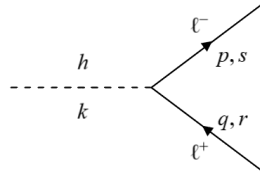


Figure 1: Higgs boson decays into lepton and anti-lepton

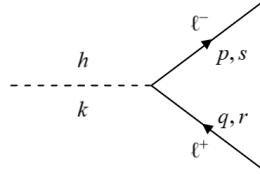
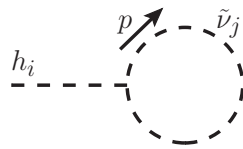
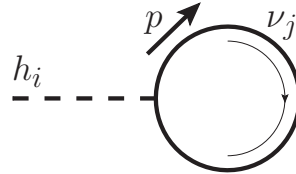


Figure 2: Higgs boson decays into lepton and anti-lepton



(a) Sneutrino contribution



(b) Neutrino contribution

Figure 3: Neutrino and sneutrino contribution to Higgs tadpole diagrams

Hình 3b bao gồm

- 1
 - 123
 - 123
 - 456
- 2

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1. 1
2. 2

$$\frac{1}{2} \text{ and } \sqrt{\frac{1}{2}} \exp \exp 123 \, 123 \quad 123$$

$$\mathbf{u} + x\vec{y}z + \vec{y} = \overline{abc} + \overrightarrow{xyztya} \tag{6}$$

$$\oint f\left(x\right)dx \tag{7}$$

Particle content	Field	$SU_C(3) \times SU_L(2) \times U_Y(1)$
Quarks	$Q_L = (u_L \ d_L)^T$	$(\mathbf{3}, \mathbf{2}, \frac{1}{6})$
	$U_R^\dagger = u_R^\dagger$	$(\bar{\mathbf{3}}, \mathbf{1}, -\frac{2}{3})$
	$D_R^\dagger = d_R^\dagger$	$(\bar{\mathbf{3}}, \mathbf{1}, \frac{1}{3})$
Leptons	$L = (\nu \ e_L)^T$	$(\mathbf{1}, \mathbf{2}, -\frac{1}{2})$
	$E_R^\dagger = e_R^\dagger$	$(\mathbf{1}, \mathbf{1}, 1)$
Higgs	$\phi = (\phi^+ \ \phi^0)^T$	$(\mathbf{1}, \mathbf{2}, \frac{1}{2})$
Gluon	g	$(\mathbf{8}, \mathbf{1}, 0)$
W,Z boson, photon (γ)	W^1, W^2, W^3	$(\mathbf{1}, \mathbf{3}, 0)$
	B	$(\mathbf{1}, \mathbf{1}, 0)$

Table 1: The matter content of the Standard Model