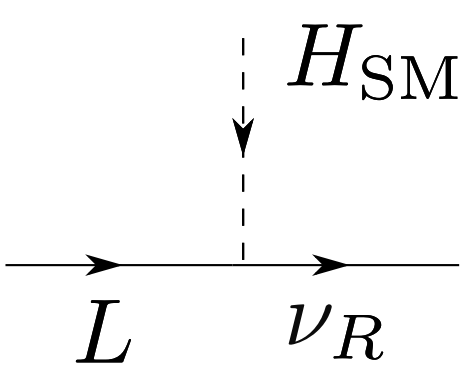
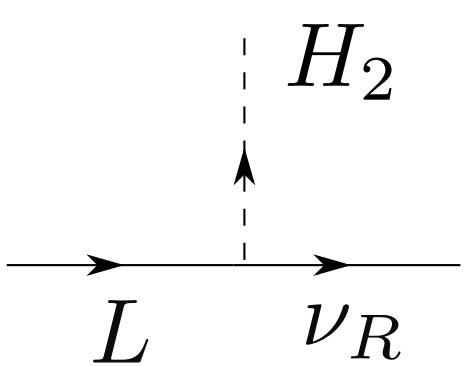


$$(\nu_R)^\dagger \, L \cdot H_{\rm SM}$$



$$(\nu_R)^\dagger \, L \cdot \widetilde{H}_2$$

$$H_2 = \begin{bmatrix} H_2^0 \\ H_2^- \end{bmatrix}$$

$$\widetilde{H}_2 = \begin{bmatrix} \left(H_2^-\right)^* \\ -\left(H_2^0\right)^* \end{bmatrix}$$