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Neutrinos in Left-Right Mirror Model

We consider the extension of the Standard Model with $SU(3)_C \times SU(2)_R \times SU(2)_L \times U(1)_{Y'}$ gauge symmetry and additional exotic fermions known as mirror fermions. A double seesaw approach method is performed to fit the neutrino masses with normal hierarchy. We calculate the decay rates for heavy neutrino for different channels, and we find that their branching ratios are nearly equal for heavy neutrino mass of the order of TeV's.

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