## Abstract

Neutrino mass has been observed in some experiments. A Beyond Standard Model theory is required to explain the masses of Neutrinos. There are many possibilities out of which the present material is mainly focused on B-L Model and Left-Right Symmetric Model. Both models are introduced along with comparisons with Standard Model. An introduction to Neutrinoless Double Beta Decay is presented. Also the Effective Neutrino Mass in the standard mechanism is calculated explicitly. The Neutrinoless double beta decay can be mediated by many possible ways [Cha+12] 1 withWRs only with light neutrino exchange. (only eL as final particle) 2 withWRs only with heavy neutrino exchange. (only eR as final particle) 3 withWLs only with light neutrino exchange. (only eL as final particle) 6 withWR,WL and with heavy neutrino exchange. (eL and eR as final particle) 6 withWR,WL and with heavy neutrino exchange. (eL and eR as final particle) 6 withWR,WL and with heavy neutrino, which are shown in figure 5.1 and 5.9. We analyzed only these parts in different hierarchies. We calculated dependence of Dirac and Majorana phases on effective mass in the normal hierarchy and inverted hierarchy.