

Abstract

In models with texture zeros in the fermion mass matrices the flavor mixing parameters are fixed by the ratios of the fermion masses. I will first discuss the success of such a model for the quarks and then apply the same idea to the leptons. Using the experimental values for the neutrino mixing angles, I can calculate the neutrino masses. They are very small - the mass of the third neutrino is only 0.05 eV. It will be very difficult to find an effect in the neutrinoless double beta decay. One prediction can soon be checked in the new reactor neutrino experiments, in particular the Daya Bay experiment in China.