

# Neutrino mass matrices and large $\Theta_{13}$

Texture specific hermitian mass matrices have been investigated for both Majorana and Dirac neutrinos for their compatibility with the current neutrino oscillation data (in particular large  $\Theta_{13}$ ), keeping in mind the hierarchy of neutrino masses. In case of texture 6 zero all the possibilities pertaining to Dirac neutrinos are ruled out. Only 16 possibilities can accommodate the experimental data for Majorana neutrinos with normal hierarchy. Further, texture 5 zero lepton mass matrices can accommodate all hierarchies of neutrino masses.

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**Track Classification:** Physics of Neutrino and Neutrino Oscillations