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Neutrino masses and mixing angles in a model with six Higgs triplets and A_4 symmetry

We have considered a model, where masses and a mixing pattern for neutrinos are governed by six Higgs triplets and A_4 symmetry. In this model we have applied a certain diagonalization procedure through which we have shown that neutrino masses can have both normal or inverted hierarchy. We have also shown that current neutrino oscillation data can be explained in this model. The arXiv number is 2003.09809v1.

Mini-abstract

How neutrino masses and mixing can be governed by six Higgs triplets and A_4 symmetry

Experiment/Collaboration

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