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Inverse Seesaw in A_5 Modular symmetry

We investigate an inverse seesaw model based on $U(1)_{B-L}$ gauge symmetry and A_5 modular symmetry. These symmetries help to avoid unwanted terms and constrain the structure to acquire the inverse seesaw form. Then we can obtain some predictions in the neutrino sector such as Dirac-CP phase and sum of neutrino mass, by numerical analysis. We also discuss implications to lepton flavour violation in our model.

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