Abstract Submitted
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Democratic Neutrino Paradigm[1] DMITRY ZHURIDOV, Wayne State University — I will introduce a democratic neutrino theory, which sets the absolute scale of the neutrino masses at about 0.03 eV, and has only one free parameter in contrast to 7 (9) free parameters in the conventional model of Dirac (Majorana) neutrino masses and mixing. Taking into account the incoherence and matter effects, this democratic theory agrees with the atmospheric and solar neutrino data. I will discuss the predictions of this theory for low energy beta decays, magnetic moments, and neutrinoless double beta decays. Finally, I will introduce the fundamental basis for this theory and, in general, for all constituents of matter.

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