

# Anarchy approach with Gaussian measure

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We apply anarchy approach to neutrino physics. For neutrino mass matrices, basis independence combined with entry independence uniquely leads us to Gaussian measure. Under this measure, we find the anarchy predictions completely consistent with all the known neutrino parameters. As to unknown quantities, neutrino anarchy predicts uniform distribution for all the phases, 99.9% normal hierarchy, and a very experimentally challenging value for the effective mass of neutrinoless double beta decay. An adequate amount of baryon asymmetry is also generated through leptogenesis. We prove that there is no correlation between the baryon asymmetry and the light-neutrino mixing angles or phases. A weak negative correlation between baryon asymmetry and neutrino mass is found.