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## Wash-in leptogenesis from asymmetric Dirac neutrino scatterings

*Tuesday 3 December 2024 16:15 (15 minutes)*

We present a leptogenesis model in which right-handed neutrinos undergoing ultraviolet freeze-in are the only out-of-equilibrium species necessary to generate the observed matter-antimatter asymmetry in the early universe. It is shown that even though the lepton number source term vanishes, opposite asymmetries of the decoupled right-handed neutrinos and standard model leptons are washed in. The talk is based on Phys. Rev. D 110, 055042.

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