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Wash-in Leptogenesis with Dirac Neutrino Scatterings (20'+5')

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We present a Dirac leptogenesis model in which the only out-of-equilibrium particles are right-handed neutrinos undergoing asymmetric scatterings. They are produced from a negligible initial abundance and their density freezes in soon after reheating. Even though the asymmetry source term vanishes, we demonstrate that opposite asymmetries of right-handed neutrinos and standard model leptons are washed in.

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