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Resonant Leptogenesis and Collider Signals from Discrete Flavor and CP Symmetries

Tuesday 25 May 2021 17:00 (15 minutes)

In this talk, I'll discuss about the production of baryon asymmetry through resonant leptogenesis and phenomenological signatures of type-I seesaw scenario with a flavour and a CP symmetry that strongly constrains lepton mixing angles, and both low- and high-energy CP phases. I'll specially focus on the effect of these symmetries on the collider signals in minimal B-L model and effective neutrino mass in neutrinoless double beta decay, while also requiring production of the experimentally observed baryon asymmetry (η_B).

Summary

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