

## Naturally light Dirac neutrinos from left-right symmetry

*Friday, May 27, 2022 9:39 AM (23 minutes)*

I shall describe the natural origin of Dirac neutrinos with small masses in a class of left-right symmetric theories. These models also solve the strong CP problem via parity symmetry, without the need for an axion. Consistency with neutrino oscillation data will be shown. Such Dirac neutrino models can be tested in CMB measurements of  $N_{\text{eff}}$ , which is predicted to be larger by about 0.14.

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