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S3 flavour symmetry: quarks, neutrinos and Higgs sectors

Tuesday 27 November 2018 13:30 (25 minutes)

We study a model with an extended Higgs sector and an underlying S3 flavour symmetry. We explore the phenomenological consequences this symmetry has by studying simultaneously the quark, Higgs and neutrino sectors, including one-loop corrections to the Higgs potential. We also present the results for leptogenesis and the associated baryogenesis in the model.

Content of the contribution

Theory

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