

Neutrino magnetic moment in the doublet-singlet Leptoquark model

Content

The transition magnetic moment for Majorana neutrinos is studied in a simple extension of the Standard Model. This extension incorporates two scalar Leptoquarks S_1 and \widetilde{R}_2 with quantum numbers $(\bar{3}, 1, 1/3)$ and $(3, 1, 2/3)$. We found that, despite the recent agreement on the $(g-2)_\mu$ value, large values for Leptoquark Yukawa couplings are allowed due to a degeneracy in the parameters.

Summary

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