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Lepton Flavor Violating decays in a realistic $U(2)$ flavor model

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Building on the realistic $U(2)$ flavor model proposed a few years ago by Linster and Ziegler, we conduct a comprehensive study of possible neutrino mass textures arising from the seesaw mechanism. We identify a set of viable models that provide an excellent fit to low-energy Standard Model flavor observables including neutrinos. Additionally, within an Effective Field Theory framework, we analyze lepton flavor-violating decays in these models and examine their implications for the muon anomalous magnetic moment.

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