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# A Common Origin of Muon g-2, B-Meson Anomalies, and Fermion Mass Hierarchies (17+3)

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Recent years have seen a series of anomalies hinting at lepton universality violation in B-meson decays, which can be explained with a single TeV-scale Pati-Salam leptoquark mediator found in "4321" models. The tension of the muon (g-2) measurement, as recently confirmed at Fermilab, with SM prediction can, however, not be explained with the same mediator. We explore how to explain the muon (g-2) in a "4321" model and find that such a model naturally addresses the fermion mass hierarchies.

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