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## Quasi-degenerate neutrinos and tri-bi-maximal mixing

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We consider how, for quasi-degenerate neutrinos with tri-bi-maximal mixing at a high energy scale, the mixing angles are affected by radiative running from high to low-energy scales in a supersymmetric theory. The limits on the high energy scale that follow from consistency with the observed mixing are determined. We construct a model in which a non-Abelian discrete family symmetry leads both a quasi-degenerate neutrino mass spectrum and to near tri-bi-maximal mixing.

**Authors:** ROSS, Graham (Theoretical Physics, Oxford University); DE MEDEIROS VARZIELAS, Ivo (CFTP, IST); SERNA, Mario (Theoretical Physics, Oxford University)

**Presenter:** DE MEDEIROS VARZIELAS, Ivo (CFTP, IST)

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