

MFV in 2HDM

Tuesday, 21 May 2013 14:00 (25 minutes)

We discuss extensions of the Standard Model with two Higgs doublets, where there are flavour changing neutral currents both in the quark and leptonic sectors, with their strength controlled by the fermion mixing matrices V_{CKM} and V_{PMNS} . These models are an extension to the leptonic sector of the class of models previously considered by Branco, Grimus and Lavoura, for the quark sector. They are based on a symmetry and as a result they are very constrained from the experimental point of view.

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Session Classification: Parallel Session on Flavor Physics