

Scalars 2017



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Two Higgs Doublet Models with controlled Flavour Changing Neutral Couplings

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Content :

A general Two Higgs Doublet Model includes uncontrolled sources of tree level flavour violation in neutral couplings. In popular cases like type I or II, the imposition of a symmetry forbids them. We explore scenari where a symmetry requirement, rather than removing them, allows for their presence in a controlled manner. Phenomenological consequences of those controlled tree level FCNC are explored.

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