

Higgs bosons of R-symmetric supersymmetric theories

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The Higgs sector of the R -symmetric supersymmetric model includes two iso-doublets $R_{\{d,u\}}$ in addition to the standard iso-doublets $H_{\{d,u\}}$. Masses and interactions of these novel states are analysed and their decay modes and production channels at the LHC and $e+e^-$ colliders are calculated.

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