

SUSY searches at the Tevatron

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We present the result of various searches for the production of supersymmetric particles in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using data collected by the CDF and D0 detectors at the Fermilab Tevatron Collider and corresponding to integrated luminosities of up to 6 fb^{-1} . We present results for the searches for the pair production of stop squark and searches for the associated production of charginos and neutralinos in final states with τ leptons. We also present the results for the search for pairs of isolated jets of leptons, predicted in hidden valley models. The results of these searches are interpreted in various frameworks of physics beyond the Standard Model.

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