

Abstract Submitted
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Search for High Mass Resonances decaying to $e\mu$, $e\tau$ and $\mu\tau$ at CDF YANJUN TU, ANADI CANEPA, NIGEL LOCKYER, University of Pennsylvania, PASHA MURAT, Fermilab, CDF COLLABORATION — We present a search for high mass resonances based on 1 fb^{-1} of Tevatron Run II data collected with the CDF detector in $\sqrt{s} = 1.96 \text{ TeV}$ proton anti-proton collisions. The search is performed as a blind analysis in final states with two leptons of different flavor, such as $e\mu$, $e\tau$ and $\mu\tau$. We discuss the identification of tau leptons at hadron colliders and assess the sensitivity of the search in several models of physics beyond the Standard Model.

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