Abstract Submitted
for the APR11 Meeting of
The American Physical Society

Search for a 4th generation up-like Quark at CDF DAVID COX, University of California, Davis, CDF COLLABORATION — We present a searches for a massive quark (t') decaying to Wq and separately Wb, in data collected by the CDF Run II detector corresponding to 5.6 fb^{-1}. We use the reconstructed mass of the t' quark and the scalar sum of the transverse energies in the event to discriminate the t' signature from Standard Model processes, and set limits on the mass of the t' in these new physics models.

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Date submitted: 14 Jan 2011 Electronic form version 1.4