

Abstract Submitted
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Search for anomalous ZZZ couplings in the dilepton+dijet final state at CDF MATTHEW NORMAN, SHIH-CHIEH HSU, ELLIOT LIPELES, MARK NEUBAUER, RAMI VANGURI, FRANK WURTHWEIN, University of California at San Diego, CDF COLLABORATION — Using the di-lepton di-jet final state, we study ZZZ anomalous triple neutral gauge couplings (aTGC) produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV at the Fermilab Tevatron collected with the CDF II detector. Specifically, we reconstruct two Z s, one decaying to two leptons and one decaying to two jets, and constrain aTGC based on the observed yield in $Z \rightarrow \ell\ell$ at high transverse momentum.

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