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Measurement of the WW Production Cross Section and Anomalous Couplings in e+e-, emu, and mu+mu- Final States at Dzero MICHAEL COOKE, Rice University, DZERO COLLABORATION — Data collected from April 2002 to December 2005 by the Dzero experiment at a center of mass energy of 1.96 TeV is used to measure the cross section of WW pair production in the e+e-, e mu, and mu+mu- final states. One and two dimensional 95% Confindence Level limits on anomalous WWZ/WWPhoton trilinear couplings based on the W boson decays are also obtained, assuming the SU(2) x U(1) group symmetry of the electroweak regime.

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