The DØ Collaboration is pleased to collect in this volume the papers published in Physical Review Letters and Physical Review D in 1997. The results included here are all taken from data collected at the Fermilab Tevatron Collider during the period 1992 – 1996, and give new results in many areas of particle physics. New, more precise values are determined for the top quark mass and its production cross-section. The studies of the Electroweak gauge boson couplings extend earlier DØ results for both $WW\gamma$ ($WWZ$) and $ZZ\gamma (Z\gamma\gamma)$; in all cases, the Standard Model SU(2)XU(1) values are confirmed. Several papers seek evidence for supersymmetric partners to the ordinary particle spectrum; new limits are set on chargino and neutralino masses, both in gauge-mediated and gravity-mediated scenarios. Potential fourth generation charge 1/3 quarks are ruled out up to about 90 GeV. Scalar and vector leptoquarks were sought and excluded to mass values above those required to explain possible high $Q^2$ anomalies at the HERA e-p collider.

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