

Probing Neutral Triple Gauge Couplings via Zgamma production at both LHC-ATLAS and Future Lepton Collider

This study provides the most updated experimental constraints on neutral triple gauge couplings utilizing the latest nTGC formulation. A fully gauge-invariant treatment $SU(2)_C \times U(1)_Y$ symmetry is employed to correct the overestimations extracted in previous analyses, and to deliver the first results with improved statistics and precision.

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