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Measurement of the $Z(\ell\ell)\Gamma$ and $Z(\nu\nu)\Gamma$ cross section and searching for Anomalous Triple Gauge Coupling BENJAMIN AUERBACH, Argonne National Laboratory — The analysis used a data sample from 4.6 fb^{-1} of 7TeV data collected by the ATLAS detector during 2011. Events are selected using the leptonic and neutrino decays of the Z bosons with the requirement of an isolated photon. The data are used to test the electroweak sector of the Standard Model and search for possible new phenomena, such as anomalous, $ZZ\gamma$ and $Z\gamma\gamma$ triple gauge-boson couplings.

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