

# Anomalous magneto-transport of Dirac-like fermions in a spin-polarized oxide two-dimensional electron system

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We present anomalous magneto-transport dominated by non-trivial Berry curvature and Dirac-like fermions exhibited by artificial 2DES at (111) LaAlO<sub>3</sub>/EuTiO<sub>3</sub>/SrTiO<sub>3</sub> interface, where structural and electronic properties are tailored to mimic that of magnetic gapped topological insulators.

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