## Chiral fermions and anomaly cancellation on orbifolds with Wilson lines and flux

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We consider six-dimensional supergravity compactified on orbifolds with Wilson lines and flux. Both orbifold singularities and flux lead to chiral fermions in four dimensions. The six-dimensional bulk anomaly, the fixed point anomalies and also the four-dimensional chiral anomaly are cancelled by the Green-Schwarz mechanism. The effective four dimensional theory contains two axions with interesting implications for the effective four-dimensional theory.

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