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Taste-splittings of KW and BC fermions with gradient flow

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Karsten-Wilczek (KW) and Borici-Creutz (BC) fermions show a near-degeneracy similar to staggered fermions. In the eigenvalue spectrum this near-degeneracy is simpler to quantify than in spectroscopic quantities. Therefore we determine the low-lying eigenvalues of these fermion operators at a fixed flow time (either in lattice or physical units) in the quenched Schwinger model and study the ascent to the continuum.

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