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Renormalization of Karsten-Wilczek Quarks on a Staggered Background

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The Karsten-Wilczek action is a formulation of minimally doubled fermions on the lattice which explicitly breaks hypercubic symmetry and introduces three counterterms with respective bare parameters. We present a tuning of the bare parameters of the Karsten-Wilczek action on 4-stout configurations at the physical point.

Topical area

Software Development and Machines

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