

Lattice 2024



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Locality and symmetry properties of staggered fermions with taste splitting mass term

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We present analytical and numerical results on locality and symmetry properties of staggered fermions with taste splitting mass terms. As staggered species split differently for different types of taste splitting masses, various lattice symmetry subgroups and symmetry properties emerge. Preliminary numerical results are given for lattice sizes up to 8^4 .

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