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The eta' meson at the physical point with $N_f=2$ Wilson twisted mass fermions

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Content

We present results for the eta' meson and the topological susceptibility in $N_f=2$ flavour lattice QCD. The results are obtained using Wilson twisted mass fermions at maximal twist with pion masses ranging from 250 MeV down to the physical point. A comparison to literature values is performed giving a handle on discretisation effects. Eventually, the error scaling is investigated towards the physical point.

Preferred track (if multiple tracks have been selected)

Hadron Spectroscopy and Interactions

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