

Towards lattice-assisted hadron physics calculations based on gauge-fixed n-point functions

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Lattice calculations of RI'(S)MOM renormalization constants typically generate lots of data for gauge-fixed n-point functions. We reuse this data and determine the full nonperturbative tensor structure of the underlying vertices. They are a crucial input for calculations of hadronic observables formulated as bound-state problems in QCD. We show first data for the simplest fermionic bilinears and confront them with solutions obtained for truncated systems of equations in the continuum.

Primary author: Dr STERNBECK, Andre (University of Jena)

Presenter: Dr STERNBECK, Andre (University of Jena)

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