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Sequential Bayesian fitting method for Pion mass spectrum with HYP-smearred staggered quarks.

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We report recent progress on data analysis for 2-point correlation functions with HYP-smearred staggered quarks. We use the sequential Bayesian fitting method. We present how to obtain a good initial guess using the Newton method. We report results of fitting 2-point correlation functions, including the excited states, for $P \times P$ and $P \times A$ operators.

Topical area

Hadronic and Nuclear Spectrum and Interactions

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