

A Padé-Aided Analysis of Nonperturbative NN Scattering in 1S_0 Channel

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Abstract: We carried out a Padé approximant analysis on a compact factor of the T-matrix for NN scattering to explore the nonperturbative renormalization prescription in a universal manner. The utilities and virtues for this Padé analysis are discussed.

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Key words: nucleon-nucleon interactions, nonperturbative renormalization, Padé approximant

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