

Effect of a Small Current Quark Mass on Dressed Gluon and Quark Propagator

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(Received: 2004-5-25; Revised:)

Abstract: Based on the Dyson-Schwinger approach, a method for obtaining the small current quark mass effect on the dressed gluon and quark propagator is developed. A comparison with the results of the previous approach is given.

PACS: 24.85.+p, 13.60.Le

Key words: Dyson-Schwinger approach, explicit and dynamical chiral symmetry breaking

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