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q-qbar Mesons, Tetraquark and mixings in a dynamical model of the strong interaction

Abstract content

We perform a MC simulation of a system consisting of two quarks and two antiquarks, Using a dynamical model of the strong interaction we explore the formation of mesons and/or tetraquark for a set of different density conditions. We characterize the single properties of these states and the modifications upon the mixing. The competition among the different configurations and its implications on several observables are exhibited.

Summary

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