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Phase Structure of the Quark-Meson-Diquark Model

Tuesday 24 September 2024 14:30 (1h 40m)

We study a quark-meson-diquark model with omega vector meson, including the fluctuations of the sigma and pion, in an LPA truncation. We discuss the effect of the sigma and pion fluctuations on the phase structure and the equation of state. The effects of different diquark and vector couplings are also investigated.

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Session Classification: Poster Session