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Thermal resonances and the QCD phase diagram

We analyze the role played by thermal resonances in chiral and $U(1)_A$ transitions. The analysis will be carried out by studying several theoretical approaches based on effective theories. In particular, we will be interested in observables related to chiral symmetry restoration for which the lightest degrees of freedom provide the dominant effect. We will also discuss recent work on effective theories at nonzero chemical potentials.

Category

Theory

Collaboration (if applicable)

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