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The large- N_c masses of light mesons from QCD sum rules and the scalar sigma-meson

Monday 12 March 2018 11:00 (30 minutes)

We will discuss a calculation of large- N_c masses of light mesons from the QCD sum rules. Two methods based on the use of linear radial Regge trajectories will be presented. We put a special emphasis on the appearance of pole near 0.5 GeV in the scalar isoscalar channel which emerges in both methods and presumably corresponds to the sigma-meson.

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