Note on Finite Temperature Sum Rules for Vector and Axial-Vector Spectral Functions ◇

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An updated analysis of vector and axial-vector spectral functions is presented. The resonant contributions to the spectral integrals are shown to be expressible as multiples of $4\pi^2 f_\pi^2$, encoding the scale of spontaneous chiral symmetry breaking in QCD. Up to order T^2 this behaviour carries over to the case of finite temperature.

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Final State Interaction and a Light Mass "Exotic" Resonance ◇

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We investigate the possibility that the light-mass exotic mesons with $J^{PC} = 1^{-+}$ observed at BNL and CERN may be resonances in the $\eta\pi$ and $\eta'\pi$ systems associated with the anomalous glue which generates the η' mass in QCD.

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