

# On the meson spectrum and the equation of state in holographic QCD

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In the top down approach of holographic QCD, mesons are obtained as open string states. Then, it naturally predicts the existence of higher spin mesons that lie on Regge trajectories. After reviewing the previous analysis of meson spectrum in holographic QCD, we try to obtain the equation of state for (large  $N$ ) QCD in the confining phase.

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