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Glueball masses within an anomalous modified AdS/QCD model

Thursday 29 November 2018 15:00 (15 minutes)

In this talk we will present how to use the AdS/CFT correspondence to compute analytically the masses of the scalar and higher even spin glueball with P=C=+1 using a single mass equation.
The approach considered here is based on a modified dynamic version of the Softwall Model with anomalous dimension contribution.
Furthermore, from the even glueball masses, we also achieved the Regge trajectory related the pomeron in agreement with other approaches.

arXiv

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