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Glueball decay patterns in top-down holographic QCD

We report recent results on the spectrum and the decay patterns of scalar and tensor glueballs in the top-down holographic Witten-Sakai-Sugimoto model. This model, which has only one free dimensionless parameter, gives semi-quantitative predictions for the vector meson spectrum, their decay widths, and also a gluon condensate in agreement with SVZ sum rules. The predictions for glueball decay are compared with experimental data for some of the widely discussed glueball candidates in the meson spectrum.

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