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Holographic Glueball Decay Rates in the Witten-Sakai-Sugimoto Model

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The glueball spectrum of Witten's model for nonsupersymmetric Yang-Mills theory from type IIA supergravity is discussed with regard to the Sakai-Sugimoto model, which introduces chiral quarks through probe D8 branes. The couplings of glueballs with the mesons are worked out, leading to almost parameter-free predictions for the decay rates of glueballs.

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