

Exotic spectroscopy in a diquark model with a little help from AdS/QCD

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The AdS/QCD correspondence allows to compute the quark-antiquark potential. We use this result, the Salpeter equation and a hyperfine splitting potential to determine masses of tetraquarks and pentaquarks containing at least two heavy quarks, based on the hypothesis of a diquark-antidiquark and antiquark-diquark-diquark structure.

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