

Lattice QCD Three-Quark Potential Analysis using Hyperspherical Variables Redux: Sakumichi & Suganuma's Lattice Data and their Interpretation

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We analyze Sakumichi & Suganuma's, Phys.Rev.D92,034511(2015), lattice QCD results for the 3-quark potential, using hyper-spherical three-body coordinates. We show that their data supports neither the Delta, nor the Y-string interpretation, but something in-between. This lattice data is consistent with Koma & Koma's, Phys.Rev.D95, 094513 (2017) results, their different conclusions notwithstanding. We offer a new interpretation of their (joint) results in terms of a 3-string model.

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