

Abstract Submitted
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Heavy quarkonium in the basis light-front quantization approach¹

YANG LI, JAMES VARY, PIETER MARIS, Iowa State University — I present a study of the charmonium and bottomonium spectra using the basis light-front quantization. We implement a one-gluon exchange interaction in the leading Fock sector following Ref. [1]. We also adopt a phenomenological confining interaction based on the AdS/QCD and light-front holography. The results are compared with the experimental data.

[1] Paul Wiecki *et al*, Phys. Rev. D **91**, 105009 (2015)

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