

Charmonium spectrum with all-to-all propagators

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We present a first study of the charmonium spectrum on $N_f = 2$ dynamical, anisotropic lattices. We take advantage of all-to-all propagators to build spatially extended interpolating operators to increase the overlap with states not easily accessible with point propagators, such as radially excited states of η_c , ψ and χ_c ; D-waves and hybrid states. The full results are presented in the contribution by K.J. Juge, PoS(LAT2005)029.

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