

Lattice 2024



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## LCDA moments of meson

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We calculate the leading-twist light-cone distribution amplitude (LCDA) moments of mesons on MILC ensembles using the hyp-smearred clover action. For pseudoscalar mesons, we compute the first moments of the  $K$  meson and the second moments of the  $\pi$  and  $K$  mesons. For vector mesons, we compute the first moments of the  $K^*$  meson and the second moments of the  $\rho$ ,  $K^*$ , and  $\phi$  mesons.

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