

Test of factorization for the long-distance effects from charmonium in $B \rightarrow K\ell\ell$

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We report on a calculation of the charmonium contribution to the decay $B \rightarrow K\ell\ell$ using lattice simulations with 2+1 flavors of Mobius domain wall fermions.

We focus on the region of q^2 below the J/ψ resonance and test the factorization approximation to estimate the amplitude.

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