

Pion Form Factor Calculation

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We present the form factor of pion using overlap fermion. We work on 2+1 flavor domain-wall configurations on $24^3 \times 64$ lattice with lattice spacing $a = 0.083$ fm and $32^3 \times 64$ lattice with lattice spacing $a = 0.083$ fm generated by RBC/UKQCD collaboration. With multi-mass algorithm, we do an extrapolation of finite lattice spacing and varies valence quark masses to form factor at physical pion with a range of space-like Q^2 from 0.0 to 0.6 GeV^2 .

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