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Nucleon EDM from Chromo EDM using Domain-Wall Fermion

Tuesday, July 26, 2016 8:00 PM (1 hour)

We present a progress report on the study of the CP violation effects on the nucleon from the quark chromo-electric dipole moment (cEDM) operator using $N_f = 2 + 1$ dynamical Domain-Wall fermions. Details of the calculation and preliminary results for $m_\pi = 170$ and 250 MeV will be reported.

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