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Strange and charm contributions to nucleon charges and moments

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We present preliminary lattice calculations of strange and charm contributions to nucleon charges and moments. The scalar charge, axial charge, tensor charge, and unpolarized first moments are calculated on five clover-on-HISQ lattices covering three lattice spacings $a = \{0.06, 0.09, 0.12\}$ fm and three pion masses $M_\pi = \{310, 220, 130\}$ MeV. We renormalize the matrix elements with nonperturbative renormalization factors then apply chiral and continuum extrapolation to obtain results in the physical limit.

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