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Nucleon axial and tensor charges with dynamical overlap quarks

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We report on our calculation of the nucleon axial and tensor charges in 2+1-flavor QCD with dynamical overlap quarks.

Numerical simulations are carried out at single lattice spacing 0.12 fm with pion masses below 500 MeV.

We calculate both of the connected and disconnected contributions by using the all-to-all quark propagator.

We present our preliminary results for the isoscalar and isovector charges.

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