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Nucleon electromagnetic form factors using $N_f=2+1+1$ twisted mass fermion ensembles at the physical mass point

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We present results for the nucleon electromagnetic form factors using $N_f=2+1+1$ twisted mass lattice QCD with clover improvement and with quarks with masses tuned to their physical values. Our preliminary analysis includes three ensembles at similar physical volume and lattice spacings $a \sim 0.08$ fm, ~ 0.07 fm, and ~ 0.06 fm allowing us to take the continuum limit directly at the physical mass point. For each ensemble we assess excited state effects using several sink-source time separations in the range 0.8 fm - 1.6 fm, exponentially increasing statistics with the separation.

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