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Computing the nucleon Dirac radius directly at $Q^2 = 0$

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We describe a lattice approach for directly computing momentum derivatives of nucleon matrix elements using the Rome method, which we apply to obtain the isovector magnetic moment and Dirac radius. We present preliminary results calculated at the physical pion mass using a 2HEX-smearred Wilson-clover action from the Budapest-Marseille-Wuppertal collaboration. For removing the effects of excited-states contamination, the calculations were done at three source-sink separations and the summation method was used.

Primary author: HASAN, Nesreen (Bergische Universitaet Wuppertal)

Co-authors: POCHINSKY, Andrew (Center for Theoretical Physics, Massachusetts Institute of Technology); GREEN, Jeremy (Institut fuer Kernphysik, Johannes Gutenberg-Universitaet Mainz); NEGELE, John (Center for Theoretical Physics, Massachusetts Institute of Technology); ENGELHARDT, Michael (Department of Physics, New Mexico State University); SYRITSYN, Sergey (RIKEN BNL Research Center, Brookhaven National Laboratory); KRIEG, Stefan (IAS, Juelich Supercomputing Centre, Forschungszentrum Juelich); MEINEL, Stefan (Department of Physics, University of Arizona)

Presenter: HASAN, Nesreen (Bergische Universitaet Wuppertal)

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