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The Electric Dipole Form Factor of the Nucleon[1] U. VAN KOLCK, E. MEREGHETTI, University of Arizona, J. DE VRIES, R.G.E. TIMMERMANS, KVI-Groningen — We use chiral perturbation theory in next-to-leading order to calculate the electric dipole form factor of the nucleon at low momentum. We consider effects from sources of time-reversal violation in the Standard Model up to effective dimension six: the QCD theta angle, the light quarks' electric and color-electric dipole moments, and the gluon color-electric dipole moment.

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