

## **PARTONIC CHARGE SYMMETRY VIOLATION IN THE NUCLEON**

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Over many decades a tremendous amount of information about nucleon and nuclear structure has been gained through the use of electroweak probes. This knowledge, combined with increased precision in experimental techniques, now makes it possible to test properties of the probe itself. These tests offer tremendous potential to reveal the signature of new physics. Nevertheless, it is often a necessity to make the assumption of good charge symmetry underlying the hadronic/nuclear interactions. Here we review recent lattice QCD results on the determination of charge symmetry breaking effects in nucleon parton distributions. The results are discussed in the context of standard model test in parity-violating deep inelastic scattering.