

PARTONIC STRUCTURE OF HADRONS FROM LATTICE QCD

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Here we review the progress made in understanding the internal partonic structure of hadrons in terms of the gluonic and quark constituents. Recent results for standard observables such as the nucleon axial charge, electromagnetic form factors and quark momentum fraction will be summarised. We will then turn our attention to more challenging quantities, including transverse momentum dependent PDFs and so-called parton quasi-distribution functions. With many new experiments whose primary goal is to understand the internal dynamics of hadrons now underway, particular emphasis will be given to lattice calculations that promise to assist and guide these experimental efforts.