Abstract for an Invited Paper for the APR07 Meeting of The American Physical Society

Lattice Calculations of Hadron Structure ROBERT EDWARDS, Jefferson Lab

I describe recent lattice calculations in full QCD of nucleon spectrum. New theoretical techniques allow the extraction of several excited states of the nucleon. Also presented are nucleon electromagnetic form-factors and transition form-factors, moments of structure functions as well as moments of generalized parton distributions (GPD's) along with their comparison to experiments. Lattice calculations have excluded some proposed models of GPDs.