

Abstract Submitted
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Large N QCD with adjoint fermions¹ RAJAMANI NARAYANAN,
Florida International University — Large N QCD with adjoint fermions is simulated on a single site lattice using overlap fermions. Reduction is invoked to study continuum infinite volume physics. A scale that identifies the transition from physical weak to strong coupling is precisely defined on the lattice. This scale is measured as a function of the lattice coupling and compared with perturbative running of the scale. The spectrum of the overlap Dirac operator is studied with the aim of measuring chiral symmetry breaking.

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