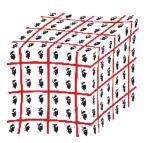
Lattice2010



Contribution ID: 44

Type: not specified

Center Symmetry Restoration with 2 Flavor Large N Yang-Mills in the Adjoint Representation.

Friday, 18 June 2010 17:00 (20 minutes)

We report on the restoration of center symmetry in two flavor large N Yang Mills lattice field theory with dynamical

fermions in the adjoint representation. Numerical evidence is given to show correlators of P_{μ} tend to zero in the large N limit. Wilson fermions were employed on a 2⁴ sized lattice for a variety of bare quark masses and coupling strength. We argue that this model may offer an alternative route to understanding the conformal window of Yang Mills with dynamical fermions.

Please, insert your presentation type (talk, poster)

Talk

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Presenter: GALVEZ, Richard (Syracuse University)

Session Classification: Parallel 56: Applications beyond QCD

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