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

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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 2^4 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.

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Talk

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