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$N_c = 2$ lattice gauge theories with fundamental and adjoint Wilson fermions

Tuesday, 15 June 2010 18:00 (5 minutes)

We investigate the Nc=2 lattice gauge theories with two flavors of the Wilson fermions (and twisted mass ghosts) in fundamental and adjoint representations.
The phase structure of these theories is studied in the coupling-quark mass plane by observing meson correlation functions and spectral density of the Dirac operator.

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poster

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