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The QCD equation of state with dynamical quarks

Monday, 14 June 2010 14:50 (20 minutes)

We determine the equation of state of QCD from lattice simulations. Lattices
with Nt = 6 and 8 are used, and the continuum limit is approached by checking the results
at Nt = 10 and 12. A Symanzik improved gauge and a stout-link improved staggered
fermionic action is utilized; the light and strange quark masses are set to their physical
values.

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talk

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