

Thermodynamics at strong coupling on anisotropic lattices

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Lattice QCD at strong coupling has long been studied in a dual representation to circumvent the finite baryon density sign problem. Recent results that established the non-perturbative functional dependence between the bare anisotropy and the physical anisotropy a/a_t in the chiral limit are now extended to finite quark mass. We discuss the consequences of the anisotropy calibration to the equation of state and the QCD phase diagram in the strong coupling regime.

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