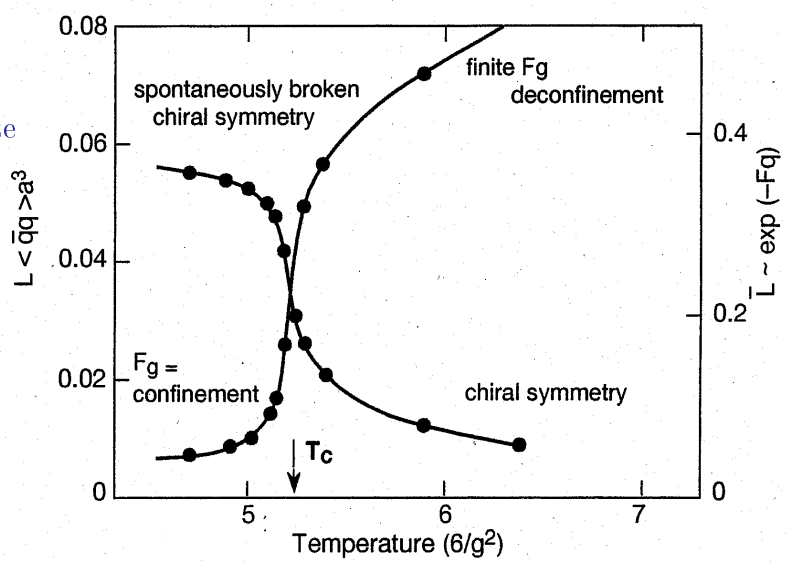
deconfinement transition is accompanied by resoration of chiral symmetry

chiral condensate



free energy

expected to modify $q\bar{q}$ bound states

- masses $\to 0$ and/or widths $\to \infty$
- possibly detectable via:
  - in medium $\rho \to l^+l^-$ decay
  - strong increase of η' production (mass degeneracy of pseudoscalar nonet)