

Progress on the nature of the QCD thermal transition as a function of quark flavors and masses

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We investigate to which extent we can exploit the dependence of the order of the chiral transition on the number of light degenerate flavors N_f , re-interpreted as continuous parameter in the path integral formulation, as a means to perform a controlled chiral extrapolation and deduce the order of the transition for the case $N_f = 2$, which is still under debate.

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