

Abstract Submitted
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Continuum limits of 12 flavor QCD YANNICK MEURICE, University of Iowa — QCD with 12 flavors of quarks is one of the most popular model for lattice strong dynamics. We present recent results concerning the mass and volume dependence of the discontinuities observed in the average plaquette, chiral condensate and Polyakov loop. We compare the hypothesis of bulk and finite temperature phase transitions for the scaling of the Fisher's zeros. We discuss various types of continuum limits that can be defined for these lattice models.

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