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## Critical Phenomena in 8-Flavour QCD

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Novel (quasi-)conformal dynamics associated with Infra-red fixed point is anticipated to emerge in many-flavor QCD, and advocated as a basis for strongly-interacting mechanisms of electroweak symmetry breaking. The subject is closely related to the critical phenomena of chiral phase transition in usual (3-flavour) QCD. In this regard, we show the latest lattice simulation (LatKMI) results for the scaling property of 8-flavor QCD. Also, motivated by the Baryogenesis, we discuss thermodynamic properties of 8-flavour QCD.

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