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Observables for study of the deconfinement transition

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The deconfinement transition is typically studied using the Polyakov loop, which needs renormalization. We look at the renormalization of Polyakov loop using Wilson flow, for both quenched and $N_f = 2$ QCD. We also investigate some observables related to the Polyakov loop that has been suggested, and the behavior of the gluon condensate across the transition.

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