Title:	Computation of Wilson Loops and Verifying Phase Transition in Bosonic BFSS
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Abstract:	In this work, we try to understand how the strongly-coupled gauge theory is related to the weakly-coupled dual gravity. In order to understand this, we try to evaluate the Schwarzschild radius of a black hole from the Wilson loop observable in the BFSS Matrix Model. Further, we also seek to understand the confined-deconfined phase transition by evaluating the Polyakov loop operator, which is the order parameter for the transition.
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