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Toward dense QCD in quantum computers

Wednesday 28 July 2021 21:00 (15 minutes)

Lattice QCD at nonzero baryon density is a big challenge in hadron physics. In this talk, I discuss the quantum computation of lattice gauge theory at nonzero density. I present some results of a benchmark test based on the quantum variational algorithm.

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Session Classification: Algorithms (including Machine Learning, Quantum Computing, Tensor Networks)

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