Machine-Learning-Based Sampling in Lattice Field Theory and Quantum Chemistry



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Normalizing flows for lattice gauge theory in 3+1D

Monday, 21 October 2024 10:00 (40 minutes)

Normalizing flows have emerged over the past several years as a promising avenue to accelerating Monte Carlo sampling for a variety of lattice field theories. This talk will discuss recent progress and ongoing efforts in applying normalizing flows based on gauge-equivariant coupling layers to lattice gauge theories in 3+1d.

Presenter: Dr KANWAR, Gurtej