Workshop on the sign problem in QCD and beyond



Contribution ID: 7 Type: talk

Lattice QCD sign problem as an inverse problem

Monday 20 January 2025 14:30 (45 minutes)

Simulation of finite density lattice QCD at imaginary chemical potential is a popular workaround for the sign problem. One is then left with the problem of performing the analytic continuation of results to the real axis. We show how this continuation can be mapped to an inverse problem via the (integral) Cauchy formula.

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