EUROSTRINGS 2024 MEETS FUNDAMENTAL PHYSICS UK

Contribution ID: 180 Type: Talk in parallel session

Matrix Quantum Mechanics bootstrap at finite temperature

Tuesday 3 September 2024 14:30 (20 minutes)

Matrix QM bootstrap is a method which utilizes the equations of motion together with norm positivity to allow for a numerical determination of moments to high precision. I will cover the general pronciples and some of the recent advances. Particularly, I will explain how to extend the bootstrap to finite temperature and present comparisons to analytic methods.

Link to publication (if applicable)

Author: GABAI, Barak (EPFL)

Presenter: GABAI, Barak (EPFL)

Session Classification: Parallel sessions

Track Classification: Bootstrap (CFT, S-matrix) 2