

Revisiting Lattice and Matrix Bootstrap

martedì 20 febbraio 2024 11:00 (45 minuti)

This presentation focuses on the lattice and matrix bootstrap methods, distinguished by their utilization of the equation of motion as bootstrap constraints. These methods share key characteristics with the closely related fields of quantum mechanics bootstrap and many-body bootstrap. I will discuss the latest results in bootstrap finite N lattice gauge theory, including the calculation of string tension through the bootstrap approach. Additionally, the presentation will cover the application of the relaxation method to the bootstrap of matrix quantum mechanics (MQM), with a particular emphasis on the ground state of MQM.

Relatore: ZHENG, Zechuan (Perimeter Institute)