

Reinforcement-Learning based numerical approaches for the conformal bootstrap

Thursday 18 January 2024 09:15 (45 minutes)

I will give an update on approximately solving the crossing equations for a general CFT using stochastic optimisation methods. The main tools will include Reinforcement Learning algorithms. After describing the general setup I will then present concrete applications of this approach in the context of the 6D (2,0) theory and the 1D defect CFT.

Presenter: PAPAGEORGAKIS, Costis