Contribution ID: 24 Type: not specified

## Bootstrapping 3d CFTs with O(N) symmetry

Thursday, May 23, 2024 3:00 PM (1 hour)

In this talk, I summarize various numerical bootstrap studies on CFTs with O(N) symmetry. These bootstrap problems are translated to very challenging computational tasks, and several advanced numerical techniques have been developed to address the challenges in recent years. I will review these techniques and discuss the O(2), O(3), O(5) studies and the implications for relevant physics questions.

Presenter: SU, Ning (Caltech)