

Holographic duality for averaged free CFTs

Thursday 19 November 2020 16:00 (1 hour)

Abstract:

I will describe how the modular bootstrap leads us toward a holographic duality for 2d Narain CFTs averaged over moduli. The bulk theory is a 3d Chern-Simons-like theory of “U(1) gravity.” Although this theory has no Einstein term, it has composite gravitons and other features similar to ordinary 3d gravity, so it may be a good place to test ideas about ensemble averaging in holographic duality.

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