

On complexity in holography

Tuesday, October 22, 2019 10:10 AM (35 minutes)

Computational complexity is a quantum information concept that recently captured increasing attention in gravitational holography. In particular, the complexity=volume (CV) and complexity=action (CA) conjectures have been proposed as gravitational duals of quantum computational complexity. In this talk I will discuss these holographic conjectures and their subregion generalizations in a few specific situations in asymptotically AdS_3 spacetimes and in its Warped generalization.

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