

Seminar: Lifshitz Spacetime Reconstruction pt 1

Friday, 30 October 2015 11:50 (30 minutes)

After a brief review of holographic techniques derived from the AdS-CFT correspondence, we specialize to a class of spacetimes proposed as duals to non-relativistic systems. We highlight classical and quantum features of these “Lifshitz spacetimes” which limit the reconstructability of bulk spacetime information from boundary data. We additionally discuss the fate of various spacetime reconstruction procedures in Lifshitz spacetimes.

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