Séminaire commun

Sachdev-Ye-Kitaev model : from statistical mechanics to anti-de Sitter and de Sitter holographies

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Résumé

I give an overview of the Sachdev-Ye-Kitaev model. Despite the simplicity of its Hamiltonian, it displays very rich physics with applications in both statistical mechanics and quantum gravity. And the end of my talk I will argue that a variant of this model also shares a lot of properties with de Sitter spacetime.