

Tensor models

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Random tensor models, seen as quantum field theoretical (QFT) models, are a natural generalization in dimension higher than 2 of the celebrated random matrix models (known, amongst other, to be related to 2D quantum gravity). Moreover, it was discovered by Witten that tensor models are also related to the holographic Sachdev-Ye-Kitaev model.

In this talk I will present an overview of various old and new results on tensor models seen as QFT models.

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