

# Thermodynamics and conformal operators of the Sachdev-Ye-Kitaev model [IN REMOTE]

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Quantum mechanical models with random interactions have an infinite number of bilinear operators, the scaling dimensions of which can be computed explicitly in the large  $N$  limit.

The lowest dimension operators play an important role in thermodynamical properties of these models and define the behavior of various correlation functions in the infrared limit.

In this talk I'll discuss effects of these operators on the SYK model free-energy and its numerical observation.

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