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A Gentle Introduction to Supersymmetric Localization

Thursday, 20 December 2018 09:25 (20 minutes)

Localization is a powerful technique utilised in supersymmetric field theories to reduce troublesome infinite dimensional path integrals to pleasant finite dimensional integrals. The aim of this talk is to provide an introduction to this topic and discuss its applications. In particular, I will explain how this technique is used to compute the exact partition function and the expectation values for certain operators in supersymmetric theories.

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