

# Solving conformal defect using the fuzzy sphere regularization

*Thursday, 13 June 2024 10:00 (1 hour)*

In this talk, I will introduce our recently proposed fuzzy sphere regularization of 3D CFTs and talk about its application to the conformal defect. Specifically, I will use the pinning field defect of 3D Ising as an example to demonstrate the versatility of fuzzy sphere regularization in the study of defect, including the computation of operator spectrum, bulk-defect OPE and g-function.

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