Engineering in the Landscape: Geometry, Symmetries and Anomalies

Contribution ID: 2

Type: not specified

Branes and Non-Invertible Symmetries

N = 4 supersymmetric Yang-Mills theories with algebra so(4N) and appropriate choices of global structure can have non-invertible symmetries. I argue that these non-invertible symmetries are represented in the holographic dual by branes, and derive the fusion algebra of non-invertible symmetries from the worldvolume dynamics on the branes.

Session Classification: Branes and Non-Invertible Symmetries