

Matching higher symmetries across Seiberg duality

Yasunori Lee

(Affiliation: Kavli IPMU, University of Tokyo)

yasunori.lee@ipmu.jp

Abstract

We study the generalized symmetries of $4d \mathcal{N} = 1$ supersymmetric $\mathfrak{so}(2n_c)$ gauge theory with $2n_f$ flavors. We find that they depend on the parity of n_c and n_f and also on the choice of the global form of the gauge group with the discrete theta angle taken into consideration. In this poster, I will present how they agree across Seiberg duality.