

Carving out the Swampland of 6D SCFTs

Tuesday 25 June 2019 16:30 (15 minutes)

Demanding unitarity of correlators can put severe constraints on the allowed spectra of SCFTs. We discuss such constraints in the context of half-BPS operators in six dimensions using the conformal bootstrap and possible lower bounds on central charges one gets for theories with flavour. In particular we relate these bounds with results from F-theory and the size of its swampland.

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