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Gauged 2-form symmetries in 6D SCFTs coupled to Gravity

Wednesday, 22 September 2021 14:20 (20 minutes)

6D SCFTs admit a plethora of global symmetries that
specify subtle global properties, such as 2-form symmetries.
When coupled to gravity those symmetries are expected to be
either broken or gauged.
In this talk I present a simple geometric condition for the
later option to be the case that is applicable to (2,0) and
(1,0) theories. I give further evidence by relating such examples to gauged
1-form symmetries in lower dimensions via dualities.

Do you wish to attend the workshop on-site?

yes

Summary

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