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Kenneth Intriligator: Anomalies of 4d Spin_G theories

Thursday 31 August 2023 10:15 (1 hour)

We consider 't Hooft anomalies for a variety of 4d gauge theories whose fermion matter content admits Spin_G(4) generalized spin structure, with G gauged or global.

We discuss and compute the w₂ w₃ type 't Hooft anomalies that arise in this context, and aspects of anomaly matching in the possible IR phases. Based on work with T. Daniel Brennan.