

Chiral theories dynamics from symmetries and anomalies

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In this talk, I discuss some examples of UV-free chiral gauge theories, looking at their IR effective descriptions from the point of view of symmetries and anomalies. In particular, I show how the 't Hooft anomaly matching conditions (generalized by including higher form symmetries) and the realization of symmetries (either broken or unbroken, exact or anomalous) allow us to learn some features of the IR theory, e.g. by implying condensates we were not aware of before or by shaping the interaction between IR degrees of freedom.

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