

Staying safe with gauge-Yukawa theories

Wednesday 19 December 2018 16:00 (1 hour)

In this talk I will give a straightforward overview of the fixed point structure of weakly coupled gauge-Yukawa theories, with a particular focus on ultraviolet fixed points, which allow theories to remain predictive to arbitrarily high energies. I will describe the general structures involved and how they constrain the possibilities of what may occur, as well as providing specific models where we can see a variety of fixed points occurring in practice in several settings.

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