

Peculiarities of FRG-Quantum-Gravity

Wednesday, 12 June 2019 17:10 (45 minutes)

In this talk I will point out some properties of general relativity, which are particularly important for the FRG. First I am going to consider the special structure of the gauge symmetry in gravity leading to a discussion of gauge invariance within asymptotic safety. Second I will highlight some consequences of boundaries in path integrals arising, e.g., when restricting the path integral to metrics of Euclidean signature.

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