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Accessing Yang-Mills in the complex momentum plane with the spectral DSE

Friday 16 June 2023 11:15 (45 minutes)

In this talk, I'll discuss how Dyson-Schwinger equations can be analytically continued, using the spectral DSE. Hereby, spectral representations are inserted into the equations, making the use of dimensional regularization, and hence, analytic continuation at the level of the equations feasible.
Applications to the ghost and gluon in Yang-Mills are presented.

Author: WINK, Nicolas (TU Darmstadt)

Presenter: WINK, Nicolas (TU Darmstadt)

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