

Color-kinematics duality, double copy and the unitarity method for higher-derivative theories

Wednesday 8 December 2021 10:10 (35 minutes)

In this talk we will discuss color-kinematics duality for higher-derivative Yang-Mills amplitudes. We will show how such amplitudes can be used to construct quadratic-gravity amplitudes from the double copy method. We will also illustrate the use of the generalized unitarity method for loop amplitudes containing resonances with a brief discussion on two specific one-loop examples.

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