

Progress in two-loop Master Integrals computation

Tuesday 26 April 2022 15:00 (30 minutes)

I will present results on five-point two-loop planar and non-planar Master Integrals. Based on the Simplified Differential Equations approach, analytic representation in terms of Goncharov polylogarithms, for the planar and hexa-box families, has been obtained. These results are a necessary ingredient for the calculation of many two-loop two-to-three processes of interest at the LHC.

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