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QCD corrections to top-quark pair plus jet production

Friday 2 December 2022 09:00 (15 minutes)

We report on recent progress for the QCD corrections to top-quark pair plus jet production. In particular, we discuss a recent computation for the two-loop master integrals associated to a two-loop five-point pentagon-box integral configuration with one internal massive propagator, that contributes to top-quark pair production in association with a jet in the QCD planar limit.

Declaration

I certify that I have checked that I am authorised to submit the abstract with the listed co-authors with their current affiliations

Change of Speaker

I understand that change of speaker is allowed provided that no participant gives more than one talk. Otherwise, we will ask the speaker to choose between one or the other abstract to be presented.

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