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NNLO corrections with local subtractions

Friday, 13 September 2024 09:30 (30 minutes)

We discuss a methodology for calculating second-order cross sections based on the use of local subtractions for soft and collinear singularities and built implementing suitable momentum mappings and well known universal limiting formulae. With appropriate adjustments, it is possible to carry out the analytical calculation of the integrated version of the subtractions, which brings reliable numerical control of predictions.

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