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# Fully differential NNLO(+NNLL) computations with MATRIX

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We present a general framework for the fully differential computation of NNLO corrections as well as the analytical transverse momentum resummation through NNLL for the production of colorless particles. Employing the p_T-subtraction and resummation methods in an automated form, MATRIX provides the first NNLO(+NNLL) process library and includes a number of single- and di-boson production processes. Recent physics applications such as WW and WZ production at NNLO are discussed in detail.

## Summary

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