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Progress on fast grid techniques for NNLO with APPLfast-NNLO

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The fastNLO and APPLgrid projects provide a fast and flexible way to reproduce the results of perturbative QCD cross section calculations with any input parton distribution functions. The latest developments from these projects are presented with particular emphasis on the common APPLfast interface to the NNLOJET calculation for general cross section calculations at next-to-next-to-leading order (NNLO). The most recent results on the reproduction of the NNLO coefficients for different physics processes are presented. A mechanism for the general distribution of grids produced at NLO and NNLO by different groups is also discussed.

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