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A full set of TMD splitting functions in High Energy Factorization

Interpolating exactly between collinear and BFKL evolution has been a desire of the QCD community for a long time. Generelizing the method of Curci, Furmanski and Petronzio for the computation of collinear splitting functions, in the wake of previous work by Catani and Hautmann, we provide the real parts of a full set of TMD splitting functions which match the DGLAP, BFKL and CCFM kernels in the appropriate kinematic limits and we discuss our progress in evaluating the virtual contributions.

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