Manual of APFEL++

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Abstract

In this document I describe the APFEL++ code, a rewriting in c++ of the Fortran evolution and DIS code APFEL.

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APFEL was originally conceived in 2012 in the framework of the NNPDF collaboration as a benchmark code to check the QED evolution of the NNPDF2.3QED sets [1]. The idea of making it public came immediately after.

References

[1] R. D. Ball *et al.* [NNPDF Collaboration], Nucl. Phys. B **877** (2013) 290 doi:10.1016/j.nuclphysb.2013.10.010 [arXiv:1308.0598 [hep-ph]].