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Numerical implementation for twist-3 PDF evolution equations

Wednesday, 29 May 2024 10:00 (30 minutes)

I will present our numerical implementations for the evolution equations of twist-3 collinear parton distributions.

I will focus on the challenging aspects that this problem poses compared to the standard twist-2 case, which are mostly due to the intrinsically two-dimensional nature of the support for twist-3 distributions.

I will detail our choices for the discretization procedure, discussing different alternatives contained in the implementations.

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