

SCET Workshop 2022



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TMD operator expansion at NLP

Wednesday 20 April 2022 15:00 (20 minutes)

The understanding of cross sections differential in transverse momenta are known to be factorizable with TMD in the low energy spectrum. In order achieve a complete description it is necessary to explore the power expansion that allows this factorization beyond the leading order. We have recently considered a systematic method to perform the power expansion and the complete basis of next-to-leading power operators is obtained, together with hard factors and evolution beyond leading order. I will talk about this result. The details of evolution are then discussed by A. Vladimirov in a related talk.

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