## QCD factorization for twist-3 quasi and pseudo-distributions

Thursday 9 December 2021 11:40 (25 minutes)

In this talk, I will discuss our recent studies of the twist-3 nucleon parton distribution functions suitable for lattice simulations. The corresponding factorized expressions are derived in terms of the twist-two and twist-three collinear distributions to one-loop accuracy. We present the one-loop matching coefficient functions both in position space, as the factorization theorem for Ioffe-time distributions, and in momentum space, for quasi- and pseudo-distributions.

Authors: BRAUN, Vladimir; JI, Yao; VLADIMIROV, Alexey (University of Regensburg)

Presenter: JI, Yao

Session Classification: Session II