Physics & Analysis

Analysis Meetings & Updates

Jefferson Lab PAC 47

TMVA with GPU Installation

JLab Hall B Analysis

NMR Analysis

Nitrogen Polarization

Self Organizing Map

Running ANN jobs in UVA-Rivanna

TMDs

GPDs

Combined TMDs and GPDs Analysis

Spin-dependent Structure Functions

Lattice QCD updates on TMDs and GPDs

LHAPDF User Manual (Accessing on Rivanna)

Sivers Extraction with Neural Network

MC generator from SpinQuest on Rivanna

Microwave for SpinQuest

Lattice QCD

GitHub Related Information

Other important references:

1. Deep Inelastic Scattering with Application to Nuclear Targets by R. L. Jaffe (https://arxiv.org/pdf/2212.05616.pdf)