

General references for pQCD lecture:

QCD and Collider Physics by Ellis, Stirling, Webber.

Handbook of Perturbative QCD by Sterman, Smith, Collins, etal.

The Black Book of Quantum Chromodynamics: A Primer for the LHC Era by Campbell, Huston, Krauss

Amplitude techniques (colour decomposition, spinor helicity formalism):

Quantum Field Theory and the Standard Model (Ch. 27) by Matthew Schwartz

Scattering Amplitudes in Quantum Field Theory (Ch. 1) by Badger, Henn, Plefka, Zoia (arXiv:2306.05976)

Techniques for Feynman Integrals (IBP reduction, differential equations method)

Lectures on differential equations for Feynman integrals by Henn (arXiv:1412.2296)

Feynman integrals (Ch. 6) by Weinzierl (arXiv:2201.03593)

NLO subtraction methods

The Black Book of Quantum Chromodynamics: A Primer for the LHC Era (Ch.3.3.2) by Campbell, Huston, Krauss