

CONTENTS:

Chapter-1: Introduction

1. Structure of matter.
2. Deep inelastic scattering.
3. Structure function.
4. Parton model and Bjorken scaling.
5. $\log -x$ physics.
6. Evolution equation.
7. DGLAP evolution equation.

Chapter-2: Taylor theorem.

Chapter-3:

1. Importance of Gluons distribution function.
2. Solution of DGLAP evolution equation without considering the quark structure function.
- 3 Results and discussion.

Chapter-4 : Conclusion.

1. C program to evaluate Gluon distribution function
2. References.