

Preface

The technique of X-ray diffraction can be used to study the conformation or form of a molecule. The X-ray diffraction technique is based on the elastic scattering of X-rays through long ordered matter. The "diffraction dynamics theory" gives a more complex description of the scattering phenomenon of crystals.¹

In the present book, ten typical literatures about diffraction methods published on international authoritative journals were selected to introduce the worldwide newest progress, which contains reviews or original researches on diffraction methods. We hope this book can demonstrate advances in diffraction methods as well as give references to the researchers, students and other related people.

The Editorial Board of Academic Archives
Scientific Research Publishing
March 6th,2023

¹From:<https://zh.wikipedia.org/wiki/X%E5%85%89%E6%95%A3%E5%B0%84%E6%8A%80%E6%9C%AF#X%E5%85%89%E7%B9%9E%E5%B0%84%E6%8A%80%E6%9C%AF>