

1. Record Nr.	UNINA9910458096203321
Autore	Rhodes Gale
Titolo	Crystallography made crystal clear [[electronic resource]] : a guide for users of macromolecular models / / Gale Rhodes
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier/Academic Press, c2006
ISBN	1-280-64149-5 9786610641499 0-08-045554-9
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (354 p.)
Collana	Complementary science series
Disciplina	547/.7
Soggetti	X-ray crystallography Macromolecules - Structure Proteins - Structure Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Preface to the Third Edition; Preface to the Second Edition; Preface to the First Edition; Model and Molecule; An Overview of Protein Crystallography; Protein Crystals; Collecting Diffraction Data; From Diffraction Data to Electron Density; Obtaining Phases; Obtaining and Judging the Molecular Model; A User's Guide to Crystallographic Models; Other Diffraction Methods; Other Kinds of Macromolecular Models; Tools for Studying Macromolecules; Viewing Stereo Images; Index
Sommario/riassunto	Crystallography Made Crystal Clear makes crystallography accessible to readers who have no prior knowledge of the field or its mathematical basis. This is the most comprehensive and concise reference for beginning Macromolecular crystallographers, written by a leading expert in the field. Rhodes' uses visual and geometric models to help readers understand the mathematics that form the basis of x-ray crystallography. He has invested a great deal of time and effort on World Wide Web tools for users of models, including beginning-level tutorials in molecular modeling on personal computers. Rhode

