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Descrizione fisica	1 online resource (279 p.)
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Soggetti	Macromolecules - Structure X-ray crystallography
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 238-242) and index.
Nota di contenuto	An overview of macromolecular crystallography -- Crystallization of macromolecules -- The nature of crystals: symmetry and the unit cell -- Waves and their properties -- Diffraction from points, planes, molecules, and crystals -- Interpretation of diffraction patterns -- Data collection -- Solving the phase problem -- Interpreting Patterson maps -- Electron density, refinement, and difference Fourier maps.
Sommario/riassunto	A comprehensive and approachable introduction to crystallography - now updated in a valuable new edition The Second Edition of this well-received book continues to offer the most concise, authoritative, and easy-to-follow introduction to the field of crystallography. Dedicated to providing a complete, basic presentation of the subject that does not assume a background in physics or math, the book's content flows logically from basic principles to methods, such as those for solving

phase problems, interpretation of Patterson maps and the difference
Fourier method, the fundamental theor
