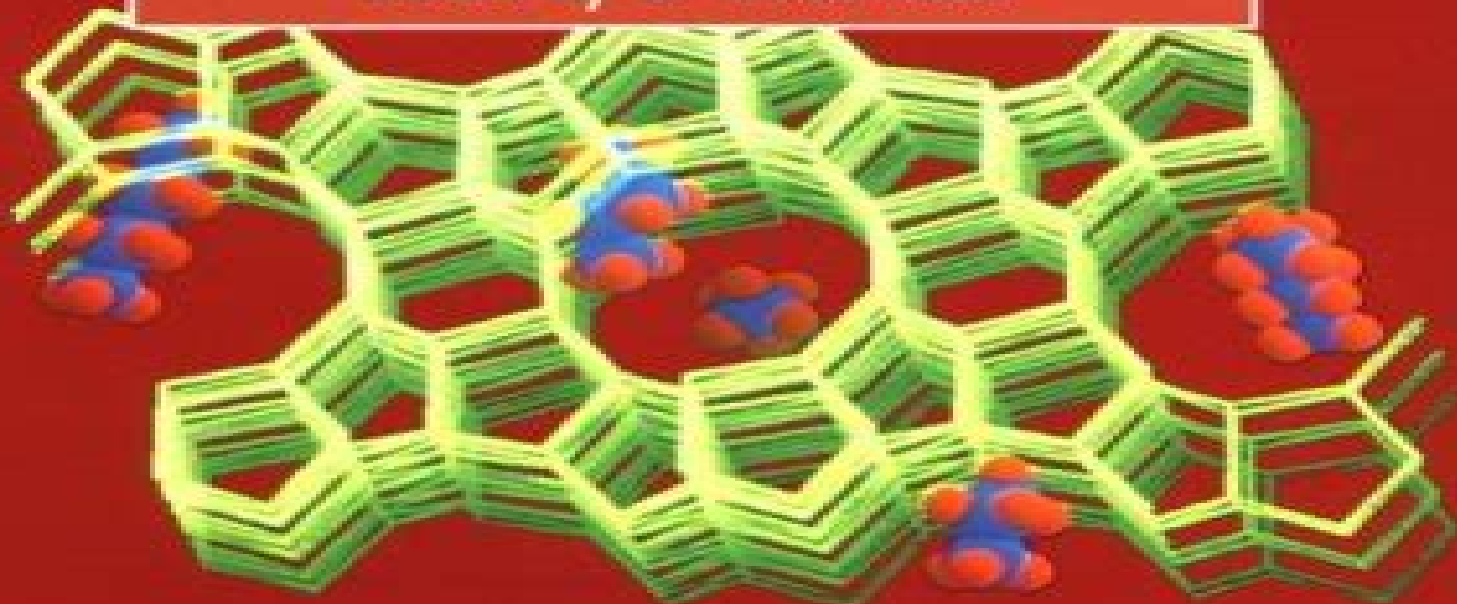


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# Fundamentals of Crystallography

C. GIACOVAZZO, H. L. MONACO, D. VITERBO,  
F. SCORDARI, G. GILLI, G. ZANOTTI, M. CATTI

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# Fundamentals Of Crystallography

**Carmelo Giacovazzo**



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diffraction was discovered Although the method is now widely accepted there are still many pitfalls in the theoretical understanding and in practical daily use This book closes the gap with a theoretical introduction for each chapter followed by a practical approach The flexible macro type language of the Topas Rietveld software can be considered as the defacto standard

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*Neutron Scattering and Other Nuclear Techniques for Hydrogen in Materials* Helmut Fritzsche, Jacques Huot, Daniel Fruchart, 2016-04-22 This book provides a comprehensive overview of the main nuclear characterization techniques used to study hydrogen absorption and desorption in materials The various techniques neutron scattering nuclear magnetic resonance ion beams positron annihilation spectroscopy are explained in detail and a variety of examples of recent research projects are given to show the unique advantage of these techniques to study hydrogen in materials Most of these nuclear techniques require very specialized instrumentation and there are only a handful of these instruments available worldwide Therefore the aim of this book is to



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