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Nota di contenuto	Title Page ; Copyright Page ; Contents ; Contributors to Volume 161 ; Preface to the Series ; Chapter 1 Structural Analysis by X-ray Intensity Angular Cross Correlations ; I. Introduction ; II. Theory ; A. Scattering from a Disordered System of Reproducible Particles ; B. 2D Disordered Systems ; 1. Dilute Systems ; 2. Dense Systems ; C. 3D Disordered Systems ; D. Two- and Three-Point Angular CCFs and Their Fourier Decomposition ; 1. General Definitions ; 2. Analysis of Disordered Systems by Angular CCFs ; III. Applications ; A. Single-Particle Structure Recovery from FXS 1. 2D Structure Determination 2. 3D Structure Determination ; B. Correlations in Disordered and Partially Ordered Phases ; 1. Local Structure of Colloidal Systems ; 2. BO Order in Liquid Crystals ; 3. Structural Inhomogeneities in Semicrystalline Polymers ; 4. Short-Range and Medium-Range Order in Metallic Glasses ; 5. Emergent Rotational Symmetries and Domain Memory in Magnetic Multilayers ; IV. Conclusions and Outlook ; Acknowledgments ; References ; Chapter 2 Spin Relaxation in Phase Space ; I. Introduction

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3. Nonlinear Longitudinal Relaxation in Superimposed ac and dc Magnetic Fields

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