

Table of Contents

Synchrotron Radiation in Polymer Science G. Elsner, Ch. Riekel, and H. G. Zachmann	1
Position Sensitive X-ray Detectors J. Hendrix	59
Fluorescence Anisotropy Technique Using Synchrotron Radiation as a Powerful Means for Studying the Orientation Correlation Functions of Polymer Chains J.-L. Viovy and L. Monnerie	99
Resonance Scattering in Macromolecular Structure Research H. B. Stuhrmann	123
X-ray Line Shape Analysis A Means for the Characterization of Crystalline Polymers G. Bodor	165
Use of Transmission Electron Microscopy to Obtain Quantitative Information About Polymers I. G. Voigt-Martin	195
Author Index Volumes 1-67	219
Subject Index	229