

Contents

<i>T. Patrick Martin</i>	
The Structure of Elemental and Molecular Clusters	1
<i>Horst L. Störmer</i>	
The Fractional Quantum Hall Effect	25
<i>Johann Peisl</i>	
Lattice Distortion, Elastic Interaction, and Phase Transitions of Hydrogen in Metals	45
<i>Siegfried Ewert</i>	
Inelastic Electron Tunneling Spectroscopy	73
<i>Florin Abelès, Yves Borensztein, Tomás López-Ríos</i>	
Optical Properties of Discontinuous Thin Films and Rough Surfaces of Silver	93
<i>Siegmar Roth</i>	
Charge Transport in Conducting Polymers	119
<i>Walther Fuhs</i>	
Transport and Recombination in Hydrogenated Amorphous Silicon	133
<i>George D. Watkins</i>	
Negative-U Properties for Defects in Solids	163
<i>Peter Wagner, Claus Holm, Erhard Sirtl, Robert Oeder, Werner Zulehner</i>	
Chalcogens as Point Defects in Silicon	191
<i>Winfried Mönch</i>	
On the Surface Physics of III-V Compound Semiconductors	229

Hans Oechsner

**High Resolution Sputter Depth Profiling of Solid Interfaces
and Thin Film Structures 269**

Gerhard Abstreiter

Inelastic Light Scattering in Semiconductor Heterostructures 291

Heinrich Dämbkes, Klaus Heime

High-Speed Homo- and Heterostructure Field-Effect Transistors 311

Christoph Heiden

Miniature Refrigerators for Cryoelectronic Sensors 331

