

Contents

<i>A. S. Dakkouri, M. Dietterle and D. M. Kolb</i> The Study of Solid-Liquid Interfaces by In-Situ STM	1
<i>Axel Hoffmann</i> Optical Properties of GaN	33
<i>J. Wagner, J. Schmitz, F. Fuchs, H. Obloh, N. Herres, and P. Koidl</i> InAs/AlSb/GaSb Heterostructures	57
<i>J. Ristein and R. Graupner</i> Electronic Properties of Diamond Surfaces	77
<i>T. L. Reinecke and P. A. Knipp</i> Optical Properties of Quantum Wires and Dots	105
<i>J. Fritsch, C. Eckl, P. Pavone, and U. Schröder</i> Ab initio Calculation of the Structure and Dynamics of III-V Semiconductor Surfaces	135
<i>Hermann Nienhaus</i> High-Resolution Electron Energy-Loss Spectroscopy of Phonons at Semiconductor Surfaces	159
<i>A. Mazur, B. Sandfort, V. Gräschus and J. Pollmann</i> Phonons at Hydrogen-Terminated Si and Diamond Surfaces	181
<i>Erasmus Langer und Siegfried Selberherr</i> Prozeßsimulation: Stand der Technik	203
<i>Andreas Schenk</i> Physical Models for Semiconductor Device Simulation	245
<i>Dietmar Schroeder</i> Boundary and Interface Conditions of Transport Equations for Device Simulation	265
Contents of Volumes 32–36	285