

## CONTENTS

Preface	iii
Acoustic and Optical Waves in Solid State Electronics <i>M Borissou, V Strashilov &amp; V Hinkov</i>	1
Self-Induced Transparency On Surfaces <i>V M Agranovich</i>	51
Nonlinear Surface Electromagnetic Waves <i>A A Maradudin</i>	72
Processes Involving Nonequilibrium Phonons in Solids <i>W E Bron</i>	143
Acoustical Study of Phase Transitions in Crystals <i>V V Lemanov</i>	190
Solitons in Condensed Media <i>Kh I Pushkarov &amp; D I Pushkarov</i>	229
Acoustic-Phonon Dispersion at Incommensurate Phase Transitions <i>J F Scott</i>	258
Ultrasonic and Electromagnetic Waves in Glasses <i>K Dransfeld</i>	312
Chaotic Attractors in Superionic Conductors <i>I Z Kostadinov</i>	331
Amplification and Instability of Surface Electromagnetic Waves in Solids Caused by a DC Electric Current <i>R F Wallis</i>	350
Isotropic and Anisotropic Magneto-optical Absorption and Refraction of Light in Crystals <i>R V Pisarev</i>	387
Experimental Problems in Optics of Inhomogeneous Media <i>H R Müller</i>	422
Optical Waves and Many-Particle Spectra in Crystals <i>I J Lalov</i>	452