

Solid-State Physics

Contents

Determination of Electron Temperatures
and of Hot Electron Distribution Func-
tions in Semiconductors

G. BAUER

1

Surface and Bulk Phonon-Polaritons Ob-
served by Attenuated Total Reflection

G. BORSTEL, H. J. FALGE, and A. OTTO 107

Classified Index of Authors and Titles

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149

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G. BAUER

Contents

1. Introduction	1
2. Determination of Electron Temperatures	4
2.1. General Considerations	4
2.1.1. Electron Temperature Model	9
2.2. Experimental Methods	13
2.2.1. Dependence of the Mobility on the Electric Field	13
2.2.2. Hot Electron Hall Effect and Magnetoresistance	18
2.2.3. Variation of the <i>g</i> -Factor of Conduction Electrons in a Non-Parabolic Band	22
2.2.4. Hot-Electron Shubnikov de Haas Effect	25
2.2.5. Time Resolved Observation of Increasing Electron Temperatures	31
2.2.6. Investigations of the Noise Temperature	35
2.2.7. Thermoelectric Power of Hot Electrons	36
2.2.8. Burstein-Shift of the Optical Absorption Edge	38
2.2.9. Hot-Electron Faraday Effect and Birefringence	42
3. Determination of Hot Electron Distribution Functions	49
3.1. Theoretical Foundation	49
3.1.1. Monte Carlo Method	51
3.1.2. The Iterative Method	53
3.2. Experimental Methods	55
3.2.1. Modulation of Intervalence Band Absorption by an Electric Field	55
3.2.2. Determination of the Anisotropy of the Distribution Function by Electric Field Induced Dichroism	63
3.2.3. Radiative Recombination from Electric Field Excited Hot Carriers	71
3.2.4. Optical Interband Absorption in Degenerate Materials	75
3.2.5. Inelastic Light Scattering from Hot Electrons	78
4. Comparison of Experimental and Numerical Results – Conclusions	83
4.1. Electron Temperature Model	83
4.2. Calculated Distribution Functions	94
5. Summary	96
List of Symbols	98
References	101

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Contents

1. Introduction	107
2. Theory of Phonon-Polaritons in Infinite Crystals	108
3. Theory of Surface Phonon-Polaritons in Semiinfinite Crystals	111
3.1. Basic Equations	111
3.2. The Electromagnetic Field of the Surface Phonon-Polaritons	114
3.3. TM-Polarized Surface Phonon-Polaritons in Orthorhombic Crystals	116
3.4. TM-Polarized Surface Phonon-Polaritons in Uniaxial Crystals	118
4. Relation between TM-Reflectivity and Bulk Phonon-Polaritons	122
4.1. Reflectivity Formulae	122
4.2. Experimental Observation of TM-Reststrahlbands	127
5. Optical Excitation of Surface Waves	134
5.1. Ordinary Surface Phonon-Polaritons	137
5.2. Extraordinary Surface Phonon-Polaritons	141
References	145

Abstract. The basic equations of phonon-polaritons are reviewed and their relation to surface phonon-polaritons in semiinfinite crystals is given. Their observation by attenuated total reflection (ATR) and the resulting information on phonons are discussed.