

Table of Contents

Preface

Band Tailings and Deep Defects in Semiconductors: Introduction A.A. Teate and N.C. Halder	1
Band Tailings and Deep Defects in Semiconductors: Theory and Formalism A.A. Teate and N.C. Halder	18
Band Tailings and Deep Defects in Semiconductors: Self-Consistent Theory A.A. Teate and N.C. Halder	48
Band Tailings and Deep Defects in Semiconductors: Electron-Phonon Interaction A.A. Teate and N.C. Halder	57
Band Tailings and Deep Defects in Semiconductors: Application to α-Si:H and α-Ge:H A.A. Teate and N.C. Halder	86
Band Tailings and Deep Defects in Semiconductors: Weak Disorder in III-V Compounds and Alloys A.A. Teate and N.C. Halder	108
Band Tailings and Deep Defects in Semiconductors: Conclusions A.A. Teate and N.C. Halder	132
Band Tailings and Deep Defects in Semiconductors: List of References A.A. Teate and N.C. Halder	135
Band Tailings and Deep Defects in Semiconductors: Appendix A: General Derivation of Initial State Decay A.A. Teate and N.C. Halder	142