

Table of Contents

Defect Distribution on Epilayer/Sustrate Interfaces of ISOVPE-MCT Films U. Gilabert, A.B. Trigubó, R. González and N.E. Walsøe de Reca	1
Defects in Implanted $\text{Hg}_{1-x}\text{Cd}_x\text{Te}$: Electrical and Structural Characterization M.H. Aguirre, H. Cánepa, E. Heredia and N.E. Walsøe de Reca	21
Dislocations in GaAs: Their Impact on Electronic and Atomic Processes T. Wosiński and T. Figielski	27
Electronic Structures of Dangling-Bond Structures Fabricated on Hydrogen-Terminated Si(100)-2 x 1 Surfaces T. Hitosugi, T. Hashizume, S. Heike, H. Kajiyama, Y. Wada, S. Watanabe, T. Hasegawa and K. Kitazawa	43
Recent Progress in the Understanding of Surface Diffusion: Influence of Phase Transitions and Surface Heterogeneities F. Nieto, A. Tarasenko and C. Uebing	59
Some Non-Fickian Diffusion Equations: Theory and Applications A.K. Das	97
Comment on 'Dopant Migration Caused by Point Defect Gradients' [P.Pichler, S. List: Solid State Phenomena, 32-33 (1993) 259] K. Maser	119
Abstracts	1