

Table of Contents

Hydrogen in Intermetallic Phases: Reorientation Relaxation and Mechanical Spectroscopy H.R. Sinning	1
Crystallographic Aspects of Interfaces in Ferroelectrics V.Y. Topolov and A.V. Turik	31
Multiplication and Movement of Dislocations in Beta-Barium Metaborate Crystals H.W. Mao and Q.G. Tan	51
Tracer Diffusion Studies and Structural Relations in the Copper Halides J. Jørgensen	65
Influence of the DX Center on the Transport Properties of Si-Doped $\text{Al}_x\text{Ga}_{1-x}\text{As}$ A. Parisini	77
Paramagnetic Defect Centers Induced by Excimer Lasers, γ Rays and Mechanical Fracturing in Amorphous SiO_2 H. Nishikawa and Y. Ohki	123
Ion Irradiation Effects and Modification of Superconducting BiSrCaCuO Thin Films K. Saito and M. Kaise	135
Abstracts	1