

Table of Contents

Diffusion in III-V Compounds and their Alloys	1
Diffusion II-VI Compounds and their Alloys	77
Defects in III-V Materials and Device Behaviour	119
Diffusion of Alkali Metal Elements in Germanium	131
Diffusion in Binary Oxides and its Relation to High Temperature Creep	139
Semiconductors	157
Halides, Oxides, Simple Oxides, Spinels, Garnets, other Complex Oxides, other Ionic Substances, Molybdates, Nitrates, Phosphates, Silicates and Sulfates	191
Carbon and Carbides, Hydrides, Nitrides, Sulfides and Selenides, Miscellaneous, Liquids and Metals	259
General References, Diffusion Processes, Electromigration, Thermomigration, Point Defects, Linear Effects, Planar Defects, Irradiation Effects and Ionic Conduction	321