

Table of Contents

Data Section: Solid Metals and Alloys	1
Simple and Complex Oxides	58
Semiconductors	75
Halides and other Ionic Substances	87
Carbides, Hydrides, Nitrides, Organic Solids, Miscellaneous Materials, Liquid Metals and Alloys, Liquid Halides and Carbonates and Liquid Oxides	121
Additional References: Diffusion Processes, Electrical Conduction and Electrotransport, Temperature Gradient Effects, Atomic Ordering, Point Defects and Dislocations	152
Planar Defects, Stacking Faults, Twins, Deformation Effects, Boundaries, Surfaces, Interfaces, Miscellaneous Defect Structures, Irradiation Effects, Ion Bombardment, Ion Implantation, Proton Irradiation, Neutron Irradiation, Electron Irradiation, Laser Irradiation, Color Centers and Liquid State Properties	184
New Books	217
Subject Index	219
Materials Defect Properties Index	223