

Table of Contents

Materials: Metals and Alloys	1
Halides and other Ionic Substances	92
Oxides	113
Semiconductors	154
Carbon and Carbides, Hydrides, Nitrides, Silicides, Organic Crystals and Inert Gas Solids	204
Liquid Metals and Alloys, Liquid Oxides, Liquid Halides, Liquid Nitrates and Miscellaneous Liquids	217
General References: Diffusion Processes	236
Electrical Conduction, Electro- and Thermotransport, Point Defects and Defect Structures, Dislocations	243
Surfaces, Interfaces, Irradiation Effects and Liquid State Properties	257
Book Reviews	262