Defects in Electronic Ceramics

Table of Contents

Order-Disorder Phenomena in High T _c Superconductive Cuprates B. Raveau, C. Michel and M. Hervieu	1
Oxygen Disorder Effects on the Electronic Structure of YBa ₂ Cu ₃ O _{6-δ} J.L. Morán-López, J.M. Sanchez, A. Latgé and E.V. Anda	57
Surface and Interface Segregation Phenomena in Oxide Ceramics S. Pizzini	81
Electron Spin-Spin Interactions between Paramagnetic Centres in Ceramics as Studied by EPR Spectroscopy	121
C. Oliva Transmission Electron Microscopy and Microanalysis of Extended Defects in Ceramics J. Ayache and J. Castaing	121 149
Use of Tunneling Microscopy and Spectroscopy for the Study of High T _c Superconductors L. Gonzo and M. Anderle	169
Influence of the Microstructure on the Electrical Properties of Ceramics H. Wang	187
Statistical Thermodynamics of Point Defects and Interactions between Defects in Ceramics L. Manes	211