

Table of Contents

FOREWORD

Phenomenological Approach to Structural Phase Transitions P. Toledano	1
Transformation Twinning and Related Phenomena V.K. Wadhawan and C. Boulesteix	43
Ferroelectric Phase Transitions and Related Phenomena G. Godefroy and B. Jannot	81
Ferroelastic Phase Transitions and Related Phenomena A. Bulou, M. Rousseau and J. Nouet	133
Rare Earth Oxides E. Schweda	187
Ferroelectric Materials with 'Ferroelectric Diffuse Phase Transitions' E. Husson and A. Morell	217
Phase Transitions and Microstructures of: a) Zirconia Ceramics as: ZrO_2-MxO_y (M=Y, Sc, Mg, Al and Mullite) Systems; b) Alumina and Al_xMyO_z Systems M. Gasgnier	247
Tungsten Oxides, Tungsten Bronzes and Tungsten Bronze-Type Structures P. Labbe	293