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DISLOCATIONS IN NONLINEARLY ELASTIC BODIES; TWINNING OF CRYSTALS (I)

4. Phase Transitions Some Phase Transitions in Crystals; CONTINUOUS MARTENSITIC TRANSITIONS IN THERMOELASTIC SOLIDS; Weak Martensitic Transformations in Bravais Lattices; Bifurcation and Martensitic transformations in Bravais lattices*; LOCAL BIFURCATION THEORY FOR THERMOELASTIC BRAVAIS LATTICES; Thermal Expansion Involving Phase Transitions in Certain Thermoelastic Crystals; On the Possibility of Having Different Bravais Lattices Connected Thermodynamically; On the Theory of the α -Phase Transition in Quartz

Sommario/riassunto

This book is a unique and comprehensive collection of pioneering contributions to the mechanics of crystals by J L Ericksen, a prominent and leading contributor to the study of the mechanics and mathematics of crystalline solids over the past 35 years.