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Combined Electrical/Mechanical Equations: Dispersion of Polaritons Modes; 2.1.3 Vibration Spectra; 2.1.3.1 IR Spectroscopies: A Direct Light/Optical-Mode Interaction [4, 5, 11]; 2.1.3.2 Raman Scattering: An Indirect Light/Optical-Mode Interaction [13, 14]; 2.1.3.3 Brillouin Scattering: An Indirect Light/Acoustical-Mode Interaction; 2.1.4 Some Particular Cases; 2.1.4.1 Multioscillator System; 2.1.4.2 Multilayer System [12]
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3.6 Experimental Techniques for Inelastic Neutron Scattering

Sommario/riassunto

Recent years have seen a growing interest in the field of thermodynamic properties of solids due to the development of advanced experimental and modeling tools. Predicting structural phase transitions and thermodynamic properties find important applications in condensed matter and materials science research, as well as in interdisciplinary research involving geophysics and Earth Sciences. The present edited book, with contributions from leading researchers around the world, is aimed to meet the need of academic and industrial researchers, graduate students and non-specialists working in these