

Download Introduction To Solid State Physics Pdf

Solid-state physics is the study of rigid matter, or solids, through methods such as quantum mechanics, crystallography, electromagnetism, and metallurgy. PHYS 624: Introduction to Solid State Physics Condensed Matter Systems Hard Matter Soft Matter Crystalline Solids (Metals, Insulators, Semiconductors) A solid-state laser is a laser that uses a gain medium that is a solid, rather than a liquid such as in dye lasers or a gas as in gas lasers. Semiconductor-based lasers are also in the solid state, but are generally considered as a separate class from solid-state lasers (see Laser diode). Solid-State Electronics Chap. 1 Instructor: Pei-Wen Li Dept. of E. E. NCU 2 Contents Chap. 1 Solid State Electronics: A General Introduction Chap. 2 Introduction to Quantum Mechanics