

Download Kittel Solid State Pdf

Solid-state physics is the study of rigid matter, or solids, through methods such as quantum mechanics, crystallography, electromagnetism, and metallurgy. In solid state physics, a particle's effective mass (often denoted m^*) is the mass that it seems to have when responding to forces, or the mass that it seems to have when interacting with other identical particles in a thermal distribution.

T. Y. B. Sc. Physics
PH332: Solid State Physics 1. The Crystalline State (11 L) Lattice, Basis, Translational vectors, Primitive unit cell, Symmetry operations, Different types of

È detto punto di Curie, o temperatura di Curie (T_c), quel valore di temperatura al di sopra del quale un materiale ferromagnetico perde alcune delle sue proprietà (come la corrispondenza non univoca tra campo esterno e magnetizzazione), e si comporta similmente a uno paramagnetico (effetto Curie).