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This video contains: What is thermodynamics Concepts of System and surroundings Boundaries and their types Types of systems Concept of Intensive and Extensive Properties Concepts of State, Process ...

Basic Thermodynamics- Lecture 1_Introduction & Basic Concepts

Module - 1 Lecture - 1 Semiconductor materials | Lecture Series on Basic Electronics by Dr.Chitrlekha Mahanta, Department of Electronics and Communication Engineering ,IIT Guwahati. For more details on NPTEL visit nptel.iitm.ac.in - Lecture Series on Basic Electronics by Dr.Chitrlekha Mahanta, Department of Electronics and Communication Engineering ,IIT Guwahati

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Thermodynamics is the branch of science that describes the basic laws and principles governing the processes of transfer and transformation of energy along with the changes in properties of the substances affected by such processes. The laws are formulated from observations in nature.

Laws of Thermodynamics - Course

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Thermodynamics Lecture Notes. This note covers the following topics: systems surroundings and thermodynamic variables work and equilibrium introduced, temperature and the zeroth law of thermodynamics, basic properties of basic systems, reversible processes, internal energy: heat capacities and the first law of thermodynamics, isothermal and adiabatic expansions, ideal gas and Van der waals ...

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