Advanced Thermodynamics

Prof. B.S. Murty

Department of Metallurgy and Material Science Engineering IIT Madras

Basic definitions

Questions:

- 1. What is free energy? Why is it called "free" energy?
- 2. What are the different forms of entropy?
- 3. What would be the configurational entropy for an ordered compound?
- 4. How is entropy defined in the second law of thermodynamics?
- 5. What is third law of thermodynamics?