

CH365 CHEMICAL ENGINEERING THERMODYNAMICS

Lesson 25: The 3rd Law and Entropy from the Microscopic Point of View

Read: Sections 5.9-5.10, pp. 203-205

Problems: 5.44, 5.50

Objectives:

1. Understand the meaning and purpose of the 3rd Law.
2. Understand the relationship between entropy and disorder.
3. Understand how to quantify the degree of disorder of a system.
4. Understand the relationship between entropy and microstate probability.

Notes: