

CH365 CHEMICAL ENGINEERING THERMODYNAMICS

Lesson 5: Equilibrium, Reversible Processes & Enthalpy

Read: Section 2.6, pp. 35-39

Problems: 2.9, 2.11, 2.13

Objectives:

1. Describe equilibrium in thermodynamic systems.
2. Be able to describe and discuss reversible processes (see Example 2.5).
3. Write energy balances for constant-volume and constant-pressure systems.

Definitions:

Equilibrium, driving force, reversible process, enthalpy.

Cadet Notes: