

CH365 CHEMICAL ENGINEERING THERMODYNAMICS

Lesson 34: Chemical Potential and Partial Properties

Read: Sections 10.1-10.3, pp. 357-371

Problems: 10.53

Objectives:

1. Understand the definition of the chemical potential.
2. Understand the fundamental property relationship for G in terms of T , P , and composition.
3. Understand how the chemical potential relates to phase equilibria.
4. Understand the definition of partial molar properties.

Notes: