

CH365 CHEMICAL ENGINEERING THERMODYNAMICS

Lesson 37: The Ideal Solution Model and Excess Properties

Read: Sections 10.8-10.9, pp. 392-399

Problems: 10.44

Objectives:

1. Extend the ideal gas mixture model to ideal solutions.
2. Apply summability relations to ideal solutions.
3. Define excess properties.
4. Use Gibbs energy generation functions to calculate excess properties.

Notes: