CH365 CHEMICAL ENGINEERING THERMODYNAMICS

Lesson 38: Vapor-Liquid Phase Equilibria

Read: Sections 12.1-12.3, pp. 430-444

Problems: 12.3, 12.4, 13.1 parts (a) and (c)

Objectives:

1. Derive Gibbs Phase Rule for intensive variables in a closed system.

2. Derive Duhem's Theorem for extensive variables in an open system.

3. Review and apply Rachford-Rice equations.

Notes: