CH365 CHEMICAL ENGINEERING THERMODYNAMICS

Lesson 39: Simple & Modified VLE Models & Flash Calculations

Read: Sections 13.1-13.3, pp. 459-475

Problems: 13.1 parts (b) and (d), 13.6

Objectives:

1. Derive the relationship between excess Gibbs energy and activity coefficient.

2. Modify Raoult's Law to account for activity and fugacity.

3. Use rudimentary activity models to make flash calculations.

Notes: