

CH365 CHEMICAL ENGINEERING THERMODYNAMICS

Lesson 29: Residual Properties II

Read: Sections 13.6, pp. 495-498

Problems: 6.12, 6.141

Objectives:

1. Understand how residual properties arise from the Gibbs generating function.
2. Calculate residual properties from equations of state.
3. Calculate enthalpy and entropy from ideal gas and residual properties.

Notes:

Cadets use time to complete homework problems and work on capstone.