

CH365 CHEMICAL ENGINEERING THERMODYNAMICS

Lesson 23: Calculation of Entropy and Entropy Changes for an Ideal Gas

Read: Sections 5.4-5.5, pp. 186-190

Problems: 5.8, 5.10.

Objectives:

1. Understand how the Carnot cycle leads to the definition of entropy.
2. Understand how to calculate entropy changes for an ideal gas.

Notes