

Textbook: Yunus A. Çengel

Chapter: 6.

Examples: 1, 2, 3, 5, 7.

Problems: 21, 45, 49, 56, 76, 77, 85, 117E.

Special Remarks:

- For P.49: $\dot{Q}_{\text{wire}} = 450 \text{ W}$
- For P.76: $\dot{Q}_{\text{heater}} = 32 \text{ kW}$, $T_{\text{s,exit}} = 98.8 \text{ }^\circ\text{C}$