

AME 20231

Homework 12

Due: Monday, 29 April 2013, in class

1. 11.36, In addition, take the efficiency of each turbine to be 0.95. Carefully sketch the process on a $T - s$ diagram.
2. 14.39,
3. 14.54, for liquid water take instead $P = 2.0 \text{ MPa}$. For water vapor, take instead $P = 400 \text{ kPa}$.
4. 14.71,
5. 14.80, Take instead $T = 155 \text{ K}$.