

AME 20231

Homework 11

Due: Thursday, 16 April 2020, beginning of class

1. 7.26, take instead the inlet temperature to be 1100 K.
2. 7.38, take instead $P_1 = P_4 = 21$ kPa.
3. 7.56, take instead the flow rate to be 2100 kg/s.
4. 7.109, take instead the turbine entrance pressure to be 2000 kPa.
5. 7.124, take instead the inlet nozzle water pressure to be 1.3 MPa.