

Reading Assignment 10/06

(due: Monday, October 6, 9 am)

Read: §4.1 & §4.2

1.: What is the maximum heat engine efficiency ϵ for reservoirs of temperature T_h and T_c ?

2.: Why is the COP defined as Q_c/W instead of the heat engine efficiency $\epsilon = Q_h/W$?

3. Comments: What of this reading did you find most difficult and what did you find most interesting? Any other comments?

Homework due Mo, Oct. 6: 3.34, 3.35, 3.36