Homework 2

Ch En 593R – Statistical Thermodynamics

October 28, 2024

Instructions

Complete the problems below and submit the following files to Learning Suite:

- Handwritten portion: scan each page (or take a picture) and combine them into a single pdf named `LastName_FirstName_HW2.pdf`

- Numerical portion: submit a file named `LastName_FirstName_HW2.py` or `*.ipynb` or whatever you used.

Problems

1. Do Kaznessis Chapter 3, Problem 7

2. Do Kaznessis Chapter 3, Problem 8

3. Do Kaznessis Chapter 3, Problem 9 *(Refer to §3.4 for help with this problem)*

4. Do Kaznessis Chapter 3, Problem 12

5. Do Kaznessis Chapter 3, Problem 14

6. Do Kaznessis Chapter 3, Problem 15

7. Do Kaznessis Chapter 3, Problem 13 and Problem 16

8. Do Kaznessis Chapter 3, Problem 17