

Exam

Time: 10:20 – 13:10

12/05, 2024 (in class)

Name: _____

Student ID: _____

Policy: (READ BEFORE YOU START TO WORK)

- The exam is **closed book**. However, you are allowed to bring **four A4-size cheat sheets (single-sheet, two-sided)**.
- If you access to any other materials such as books, computing devices, internet connected devices, etc., it is regarded as cheating, and the exam will not be graded. Moreover, we will file the case to the University Office.
- No discussion is allowed during the exam. Everyone has to work on his/her own.
- Please turn in this copy (exam sheets) when you submit your solution sheets.
- Please follow the seat assignment when you are seated.
- Only those written on the solution sheets will be graded. Those written on the exam sheets will not be graded.
- You can use Mandarin or English to write your solutions.

Note: (READ BEFORE YOU START TO WORK)

- Part of the points will be given even if you cannot solve the problem completely. Write down your derivation and partial solutions in a clear and systematic way.
- You can make any additional reasonable assumptions that you think are necessary in answering the questions. Write down your assumptions clearly.
- You should express your answers as explicit and analytic as possible.
- You can reuse any known results from our lectures (**restricted to materials from the lecture slides L0–L5**) and homework problems (**HW1–HW4**) without re-proving them. Other than those, you need to provide rigorous arguments, unless the problem mentions specifically.

Total Points: 100. Good luck!