THE CHINESE UNIVERSITY OF HONG KONG
Department of Mathematics
MATH2040A (First Term, 2022-23)
Linear Algebra II
Homework 5
Due Date: Friday 21th October 2022

All problems are selected from the textbook. You need to <u>hand in</u> your answers to the **Compulsory Part only**. Some of the problems in the Optional Part may be discussed in the tutorials. Submit your answers **in a single PDF file** **online via Blackboard**. The late submission will not be accepted. Reference solutions to both parts will be provided after grading.

Compulsory Part

Sec 2.4: 14, 15, 16.

Sec 2.5: 2(d), 3(f), 4, 6(d), 7.

Optional Part

Sec 2.4: 1, 22, 23, 24, 25.

Sec 2.5: 1, 11, 13.