THE CHINESE UNIVERSITY OF HONG KONG
Department of Mathematics
MATH2040A (First Term, 2022-23)
Linear Algebra II
Homework 4
Due Date: Friday 7th 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 2.2: 3, 5, 10, 13, 14.

Sec 2.3: 3, 11, 16.

Optional Part

Sec 2.2: 1, 2, 9, 11, 16.

Sec 2.3: 1, 12, 13, 17.