

THE CHINESE UNIVERSITY OF HONG KONG
Department of Mathematics
MATH2040A (First Term, 2022-23)
Linear Algebra II
Homework 7
Due Date: Friday 4th November 2022

All problems are selected from the textbook. You need to hand in 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 5.4: 4, 6(b)(d), 15, 17, 23.

Optional Part

Sec 5.4: 1, 16, 18, 19, 24, 25.