

THE CHINESE UNIVERSITY OF HONG KONG
Department of Mathematics
MATH2040A (First Term, 2022-23)
Linear Algebra II
Homework 9
Due Date: Friday 25th 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 6.2: 2(g), 6, 10, 13

Sec 6.3: 2(c), 3(c), 12, 14

Optional Part

Sec 6.2: 1, 2(i), 4, 14, 17, 18

Sec 6.3: 1, 9, 10, 11, 13