THE CHINESE UNIVERSITY OF HONG KONG
Department of Mathematics
MATH2040A&B - Linear Algebra II - 2024-25 Term 2

Homework 5
Due: 11 October 2024 (Friday 11:59pm)

All problems are selected from the textbook: *Friedberg, Insel and Spence, Linear algebra, 4th edition, Pearson*. You need to <u>hand in</u> your answers of the **Compulsory Part only**. 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 the grading process is completed.

Compulsory Part

Sec 2.2: 3, 5(a)(b), 10, 13, 14.

Sec 2.3: 3, 4(a)(b), 12.

Optional Part

Sec 2.2: 1, 2, 11, 16.

Sec 2.3: 1, 11, 13, 16, 17.