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

Homework 2
Due: 20 September 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. 1.4: 10, 11, 13, 14, 15.

Sec. 1.5: 9, 13, 15.

Optional Part

Sec. 1.4: 1, 4, 5.

Sec. 1.5: 1, 2, 10, 16, 18, 20.