THE CHINESE UNIVERSITY OF HONG KONG
Department of Mathematics
MATH2040A&B - Linear Algebra II - 2024-25 Term 1

Homework 1
Due: 13 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. 1.2: 8, 13, 21.

Sec. 1.3: 11, 19, 22.

Optional Part

Sec. 1.2: 1, 14, 15, 20.

Sec. 1.3: 1, 8, 17, 23, 30, 31.