

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

Homework 4
Due: 4 October 2024 (Friday 11:59pm)

All problems are selected from the textbook: *Friedberg, Insel and Spence, Linear algebra, 4th edition, Pearson*. You need to hand in 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 2.1: 4, 5, 14, 17, 22, 28, 35.

Optional Part

Sec 2.1: 1, 2, 9, 12, 15, 16, 18, 19, 21, 26, 27, 31, 37.