

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

Homework 6
Due: 18 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 2.4: 14, 15, 16.

Sec 2.5: 2(d), 3(f), 4, 6(d), 7.

Optional Part

Sec 2.4: 1, 11, 17, 23, 24.

Sec 2.5: 1, 11, 13.