

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

Homework 3

Due: 27 September 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. 1.6: 11, 12, 15, 21, 22, 23, 26, 28, 30.

Optional Part

Sec. 1.6: 1, 3, 6, 29, 31, 32, 33, 34.