

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

Homework 7

Due: 1 November 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 5.1: 2(f), 3(c), 4(j), 10, 20

Sec 5.2: 3(a), 8, 12.

Optional Part

Sec 5.1: 1, 2(d), 3(d), 11, 17, 21.

Sec 5.2: 1, 3(e)(f), 10, 11, 17, 18, 19.