

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

Homework 10  
Due: 28 November 2024 (Thursday 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 6.2: 2(c), 6, 13.

Sec 6.3: 3(c), 12, 13, 14.

**Optional Part**

Sec 6.2: 1, 4, 10, 14, 17, 18.

Sec 6.3: 1, 9, 10, 11, 19.