

THE CHINESE UNIVERSITY OF HONG KONG
Department of Mathematics

MATH2040 Linear Algebra II, Second term 2022-23

Homework 3: due February 20

All problems are taken from *Linear Algebra*, 4th Edition, by Friedberg, Insel and Spence.

Section 2.2: 3, 5, 9, 13, 14

Section 2.3: 3, 12, 16

Section 2.4: 14, 15, 16, 19

Section 2.5: 3(e), 4, 6(c), 7

Practice Problems (Do not turn in)

Section 2.2: 1, 2, 10, 16

Section 2.3: 1, 4, 9, 11, 17

Section 2.4: 1, 2, 22, 23, 24, 25

Section 2.5: 1, 9, 11, 13