## 2022-23 MATH2048: Honours Linear Algebra II Homework 10

Due: 2022-11-25 (Friday) 23:59

For the following homework questions, please give reasons in your solutions. Scan your solutions and submit it via the Blackboard system before due date.

- 1. Sec. 6.1 Q21
- 2. Sec. 6.2 Q14
- 3. Sec. 6.2 Q23
- 4. Sec. 6.3 Q9
- 5. Sec. 6.3 Q14

The following are extra recommended exercises not included in homework.

- 1. Sec. 6.1 Q19
- 2. Sec. 6.1 Q20
- $3.\ \mathrm{Sec.}\ 6.2\ \mathrm{Q}12$
- $4. \ \, \mathrm{Sec.} \ \, 6.2 \, \, \mathrm{Q}13$
- $5.\ \mathrm{Sec.}\ 6.3\ \mathrm{Q8}$
- 6. Sec. 6.3 Q10
- 7. Sec. 6.3 Q12
- 8. Sec. 6.3 Q13