

PROBLEM SET 4 (DUE: FEB 27, WED)

1. Do Exercise 1.8.24. in [OS18].
2. Do Exercise 1.9.6. in [OS18].
3. Do Exercise 1.9.19. in [OS18]. (You do not need to write down the general formula.)
4. Do Exercise 2.2.23. in [OS18].
5. Do Exercise 2.3.24. in [OS18].
6. Do Exercise 2.4.10. in [OS18].
7. Do Exercise 2.4.21. in [OS18].

— More Exercises Suggestions (these are not a part of homework): 1.8.22, 1.8.27, 1.9.1, 1.9.3, 1.9.4, 1.9.5, 1.9.16, 1.9.17, 2.1.2, 2.1.10, 2.1.12, 2.2.3, 2.2.7, 2.2.11, 2.2.15, 2.2.29, 2.3.2, 2.3.5, 2.3.8, 2.3.16, 2.3.21, 2.3.28, 2.3.31, 2.3.33, 2.3.39, 2.4.3, 2.4.4, 2.4.15, 2.4.25, 2.4.26, 2.4.27

REFERENCES

- [OS18] Olver, P. J. and Shakiban, C., *Applied Linear Algebra*, 2nd ed., Undergraduate Texts in Mathematics, Springer, 2018.