

## PROBLEM SET 6 (DUE: MAR 13, WED)

1. Do Exercise 3.1.3 in [OS18].
2. Do Exercise 3.1.12. in [OS18].
3. Do Exercise 3.1.13. in [OS18].
4. Do Exercise 3.2.18. in [OS18].
5. Do Exercise 3.2.28. in [OS18].

— More Exercises Suggestions (these are not a part of homework): 3.1.1, 3.1.5, 3.1.6, 3.1.10, 3.1.14, 3.1.19, 3.1.20, 3.1.23, 3.1.25, 3.1.27, 3.1.28, 3.1.31, 3.1.33, 3.2.3, 3.2.6, 3.2.7, 3.2.9, 3.2.10, 3.2.16, 3.2.21, 3.2.25, 3.2.26, 3.2.29, 3.2.30, 3.2.31, 3.2.36, 3.2.37, 3.2.38, 3.2.39, 3.2.40, 3.2.41

### REFERENCES

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