

## PROBLEM SET 8 (DUE: APR 3, WED)

1. Do Exercise 4.1.4. in [OS18].
2. Do Exercise 4.1.9. in [OS18].
3. Do Exercise 4.1.13. in [OS18].
4. Do Exercise 4.2.3. in [OS18].
5. Do Exercise 4.2.5. in [OS18].
6. Do Exercise 4.2.8. in [OS18].

— More Exercises Suggestions (these are not a part of homework): 4.1.1, 4.1.2, 4.1.3, 4.1.6, 4.1.10, 4.1.12, 4.1.15, 4.1.16, 4.1.18, 4.1.24, 4.1.26, 4.1.28, 4.1.31, 4.1.32, 4.2.1, 4.2.2, 4.2.6, 4.2.7, 4.2.9, 4.2.12, 4.2.13, 4.2.14, 4.2.20, 4.2.21

### REFERENCES

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