

Due date:

Friday, 1/29, **due 6pm, submit through Canvas.**

Instructions:

Students are encouraged to work together and discuss the homework problems, however each student must write up the solutions in their own words. Homework solutions should be well-explained, except True/False questions unless requested otherwise.

The format of HW is not restricted, but the PDF file is the preferred one.

Problems: Page numbers refer to [1]

Page 5, problems 1.2.3, 1.2.5(d)

Pages 9–10, problems 1.2.11, 1.2.14, 1.2.19, 1.2.20, 1.2.23, 1.2.26(a)

Pages 19–20, problems 1.3.15(c), 1.3.27

Page 22, problems 1.3.33 ((b) with \mathbf{b}_1 , explicitly identify the matrices L and U .)

References

- [1] Peter Olver and Chehrzad Shakiban, Applied Linear Algebra, 2nd Edition