

Math 19620/20 Homework 8

Due: **Wednesday! Wednesday! Wednesday!**, November 28, 2018, at **5:00pm** in my mailbox in the basement of Eckhart (You can also give it to me in class on Tuesday if you prefer.)

Please present your solutions clearly and in an organized way. Think of it this way: if you show it to another student in this class, he/she should be able to understand it without needing to ask you questions.

November 20

Goals:

- A little more Gram-Schmidt
- Apply least-squares solutions to linear regression
- Get some practice with determinants

Exercises 5.2:

- 29

Exercises 5.4:

- 31

Exercises 6.1

- 1, 3, 5, 7, 9, 23, 25

Exercises 6.3:

- 1, 2

This is all for Homework 8. Next Tuesday, I will assign problems for Homework 9.