

Math 4242

Applied Linear Algebra Spring Semester 2017

Homework Assignment 3 - Due Friday 2/10/2017 in class or in my mail box before 2:30.
As usual, there will be a quiz on this date, on the HW handed in.

Comments:

Chapter 2 starts with some examples of vector spaces, which should be fairly easy. As the chapter continues it gets more theoretical with the notions of spanning, linear independence, basis, kernel, image, and this may be harder.

Exercises from chapter 2 of Olver and Shakiban:

Sec 2.1: 2, 5, 12

Sec 2.2: 2bdf, 6b 12bdh, 13bdf, 15ace, 23

Sec 2.3: 3a, 4bd, 8ac, 16

Homework Assignment 4 - Due Friday 2/17/2017

Quiz, as usual.

Exercises from Olver and Shakiban:

Sec 2.3: 21eh, 31, 33acg

Sec 2.4: 5, 10, 18, 23, 25

Sec 2.5: 2b, 5ce, 24(ii), 25ce, 29, 40