

# Math 414: Linear Algebra II, Fall 2015

## Homework 4

Due: October 9, 2015 by 4:00 PM

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October 2, 2015

All problems are taken from *Linear Algebra Done Right*, 3<sup>rd</sup> Edition.

- **Exercises 5.B:** 11, 14, 15
- **Exercises 5.C:** 5, 10, 12, 13

**Instructions:** You are welcome to *discuss* the homework problems with your peers in the course, but you are *never* allowed to copy each other's solutions. You must write your own solution yourself. Hand in a *clean* and *carefully written* version of each of your solutions.

**Optional Early Turn in Date:** Since the first Midterm Exam is Monday, October 12, if you turn in Homework 4 by October 7 at 4:00 PM, we will grade it quickly and return it to you on October 9 in class. Otherwise your graded Homework 4 will be returned by October 16, as usual.