

Linear Algebra and its Applications, Spring 2013

Homework 9

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Note 1. This homework is due *8:30 am, November 19, 2013*. Please submit a hard copy into the homework box outside the TAs' lab.

Note 2. "Problem sets" should be found in the textbook (the fourth edition).

1. (10 points) Problem 1 in Problem set 5.1.
2. (10 points) Problem 6 in Problem set 5.1.
3. (10 points) Problem 7 in Problem set 5.1.
4. (10 points) Problem 10 in Problem set 5.1.
5. (10 points) Problem 7 in Problem set 5.2. Please note that u and v are of the same dimension.
6. (10 points) Problem 9 in Problem set 5.2.
7. (10 points) Problem 16 in Problem set 5.2.
8. (10 points) Problem 3 in Problem set 5.3.
9. (10 points) Problem 5 in Problem set 5.3.
10. (10 points) Problem 6 in Problem set 5.3.