MATH 603 Fall 2013 Homework #5

Due Nov. 21, Thu in class

- Textbook, Section 5.6, p.335: 5.6.3, 5.6.5, 5.6.9 (note: you may use the fact that $\|A\|_2 = \|A^*\|_2$ for the induced matrix 2-norm $\|\cdot\|_2$);

- Textbook, Section 5.9, p.390: 5.9.4, 5.9.5, 5.9.13;

- Textbook, Section 5.11, p.409: 5.11.5, 5.11.14;

- Textbook, Section 5.13, p.440: 5.13.5, 5.13.13.