CSC 2545, Fall 2014
Kernel Methods and Support Vector Machines

Assignment 2

This assignment is due at the start of class, at 2:10pm, Thurs Nov 27.
No late assignments will be accepted.

The material you hand in should be legible, well-organized and easy to mark, including the use of good English. Short, simple answers and proofs will receive more marks than long, complicated ones. Up to 20% of your mark will be for presentation. Unless stated otherwise, you must justify your answers.

1. (10 points) Question 13.4 on page 423 of the text.
2. (5 points) Question 13.9 on page 424 of the text.
3. (5 points) Question 13.10 on page 424 of the text (except for the last sentence).
4. (20 points) Question 4.3 on page 123 of the text.
5. (20 points) Question 14.14 on page 454 of the text.
6. (7 points) Prove the second item in Proposition 13.1 on page 408 of the text (Limits of Kernels).

No more questions will be added.