

Homework #6.5
RELEASE DATE: 12/04/2012

DUE DATE: 12/10/2012, BEFORE THE BEGINNING OF CLASS

Homework 6.5 is an unusual assignment. You do not need to turn in the homework in writing. But you do need to finish it before the due date to follow the pace of the class. We ask you to go watch lecture 10 of the famous Caltech online course, which uses the same textbook and notations as ours:

<http://www.youtube.com/watch?v=Ih5Mr93E-2c>

The lecture is of 1 hour of teaching followed by 0.5 hour of Q&A. We expect you to at least finish the teaching part, and learn the following items from the lecture. We expect you to raise questions in the next class (12/10), if any, or we may ask you questions based on those items. We will have some homework problems in homework 7 assuming that you understand those items sufficiently.

- What is Neural Network?
- What is Backprop Algorithm?

Enjoy the lecture!