

CS 773b Machine Intelligence: Neural Networks

TERM (FINAL EXAMINATION) PROJECT

[This suffices as the final examination]

A. Final Project Requirement:

- 1) Select a type of neural network (**THIS MUST BE A NEURAL NETWORK**) and write a program to implement - this can be and probably should be the one you selected for the midterm.
- 2) Modify the program and the algorithm to make some improvement. Run the program on data from the UC Irvine Machine Learning Repository. Hand in the program, and the results of the runs.
- 3) Do cross validation on the data and hand in the results.
- 4) Explain why the results of the modified algorithm are different from those of the unmodified algorithm (possibly from the midterm NN).