

CS 6673 spring 2009

Assignment 3, Due March 24, 2009

Please submit a hardcopy at the beginning of class

Use the delta-rule to train a neural net to perform the logical AND function. Assume zero initial weights and bias. Use a learning rate given by k^{-1} where k is the iteration counter (starting with 1). Iterate it 5 times and report the resulting weights and bias. Check to see if the net successfully perform the task using the resulting weights and bias.

You can do this assignment either by hand or by writing a computer program.