

ECE 455/555 & SySc 575: Neural Networks: 1  
Winter, 2010, G.G. Lendaris  
January 25, 2010

## **READING ASSIGNMENT 2:**

Book: **Neural Computing**, by NeuralWare (via pdf file in NeuralWorks directory).

### **Reading assignment 2A:**

BACKPROP: pp. NC 63-84  
HISTORY: pp. NC 1 – 36  
PERCEPTRONS: pp. NC 243-252

Read Backprop section now, as follow-up to lectures and Problem Assignment #1.  
Also, read the other two sections in near future, no later than Midterm Exam.

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**MIDTERM EXAM:** In-class written exam (be prepared for lots of writing), Wednesday,  
February 10<sup>th</sup> (sixth week of term).

### **Reading assignment 2B:**

By Midterm exam, read the following:

LVQ Networks: pp. NC 227-234  
Self-Organizing Maps (SOM) pp. NC 293-306  
Radial Basis Function Networks: pp. NC 265-276

Radial Basis Function Networks: Haykin TBA – selected pages in Chapter 5.