

Neural Networks I
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ASSIGNMENT # 3 --READING ASSIGNMENTS

I. Book: Haykin, *Neural Networks*

Sections: 4.1-4.5, 4.7, 4.10, 4.12, 4.16
[optional: 4.6 & 4.11]

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

BACKPROP: pp. NC 63-84

HISTORY: pp. NC 1-36

PERCEPTRONS:pp. NC 243-252

Read BACKPROP section now, while working with NeuralWorks simulator for Assignment #2. Read the other two sections by Midterm Exam.

MIDTERM EXAM: In-class written exam (be prepared for lots of writing), Wednesday, November 2, 2005

ASSIGNMENT 3B

Also 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