

ENEE 434 Homework 2
Due Th 02/26/04

#1. 25 points (RBF networks)

Repeat problems #1 and #3 of the 02/12/04 set but using an RBF network. Determine how many RBF neurons are used in the various cases. Repeat for the function of #1 but use several different spreads, including 0.1 and 10.

#2. 25 points (back propagation calculation)

Work Exercise E11.6, p. 11-45, of the text.

#3. 25 points (back propagation)

Draw a flow chart for back propagation.

#4. 25 points (modified Hebb rule)

Do Exercise E7.5, p. 7-31, of the text.