What to turn in

Submit a report containing the following items:

1. Listing of your source code (appropriately annotated)
2. Output of your best network (on the test set)
3. Connection weights of your best network
4. RMS error for your best network
5. A written log of your development and testing process

"Best" above means best generalizing.

Data files

The training and test sets will be available for download from the homepage. They will use the same format as a NeuralWorks .nnn file.

Process

First implement your simulator, then experiment with different numbers of neurons in the hidden layer and select the one yielding the lowest train time and best generalization.

For debugging purposes use the NeuralWorks simulator as a "sanity check", i.e. compare the performance and behavior of NeuralWorks with a similar configuration.