

## **READING LIST 2008/2009**

### **F21BC2 Biologically Inspired Computation**

**Nick Taylor**  
**[Artificial Neural Networks]**

**Haykin, S.**

“Neural Networks”, 2<sup>nd</sup> edition  
Macmillan, 1999

A comprehensive coverage of the field.

**Hertz, J., Krogh, A. and Palmer, R.G.**

“Introduction to the Theory of Neural Computation”  
Addison-Wesley, 1991

A thorough coverage of the mathematical basis of the fundamental neural network architectures.

**McLeod, P., Plunkett, K. and Rolls, E.T.**

“Introduction to Connectionist Modelling of Cognitive Processes”  
Oxford, 1998

A good introduction to neural networks with an excellent treatment of their relevance to cognitive psychology.

**Rolls, E.T. and Treves, A.**

“Neural Networks and Brain Function”  
Oxford, 1998

An excellent text devoted to biologically plausible neural networks.