

**CNS 187 - Neural Computation  
Problem Sheet 6**

Handed out:        3 Nov 2000  
Due:                10 Nov 2000

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**6.1 Readings**

Read the three papers handed out in class (Hopfield, *Nature* **376**, 33–36, 1995; Hopfield, *PNAS* **93**, 15440–15444, 1996; Hopfield, Brody, Roweis, *NIPS* **10**, 1997).

1. Choose something in one of the papers that interests you (e.g., a sentence, a figure, an idea, something you thought of while reading the paper). Write a 1-page investigation of your topic. Clearly define what your point is, and make a solid argument.

**6.2 Final Project Initial Report**

1. Write a two page report on your progress with the final project. This should *not* be a list of what you've done so far. Rather, you should present clearly just one simple thing you've learned so far – something with interesting content (e.g. a classmate should be interested to read it, and should learn something useful and new by doing so). Each member of a team must write their own report; if each member worked on a different aspect of the problem, they should write about the aspect they know best.

**For both reports, please do not hand in handwritten text!**