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Single output multiple layer linear nets compute the same as single output single layer linear nets.

Autoassociation finds encodings. LSI is the application of this idea to text.

Homework 10 (due 12/12)

- Describe a procedure for converting a Boolean formula in CNF (n variables, m clauses) into an equivalent backprop network. How many hidden units does it have?
- A key issue in LSI is picking "k", the number of dimensions. Let's say we had a set of 10,000 passages. Explain how we could combine the idea of cross validation and autoassociation to select a good value for k.