

Paper

Feldman, J. A., Ballard, D. H. "Connectionist models and their properties", *Cognitive Science*, 1982, 205- 254.

WRT: 1.75 hours

The Feldman and Ballard paper contains a great deal of soporific detail. Look at some of the detail carefully, to get the flavor, and skim the rest.

Assignment

On a total of one side of one sheet of paper, using 10 pt type or larger, with standard interline spacing and margins, respond to all the following:

- The Feldman and Ballard paper already has an abstract (Four or five sentences, just before the section titled *Introduction*; not the 2 1/3 page commentary, written by somebody else, which you can ignore completely). Identify its principle defects, and rewrite it, correcting those defects.
- Also, supply a conclusion, being sure to conform to classroom discussion about how to do conclusions.
- Comment on the argument F & B offer, in section 1, against symbols.
- Speculate on how knowledge would have to be expressed in a connectionist-inspired system.