

of the patterns of stimuli available to the animal's sensory receptors. Model is taken from Rumelhart and Zipser (1986).

The model

- First layer has sensory cells, activated by particular environmental stimuli
- Subsequent layers divided into winner-take-all clusters
- Cells learn only on occasions on which they fire. When this happens, each synaptic connection first loses a portion of its strength, and then the sum of this decrease in strength is redistributed among the connections that have active input lines.

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