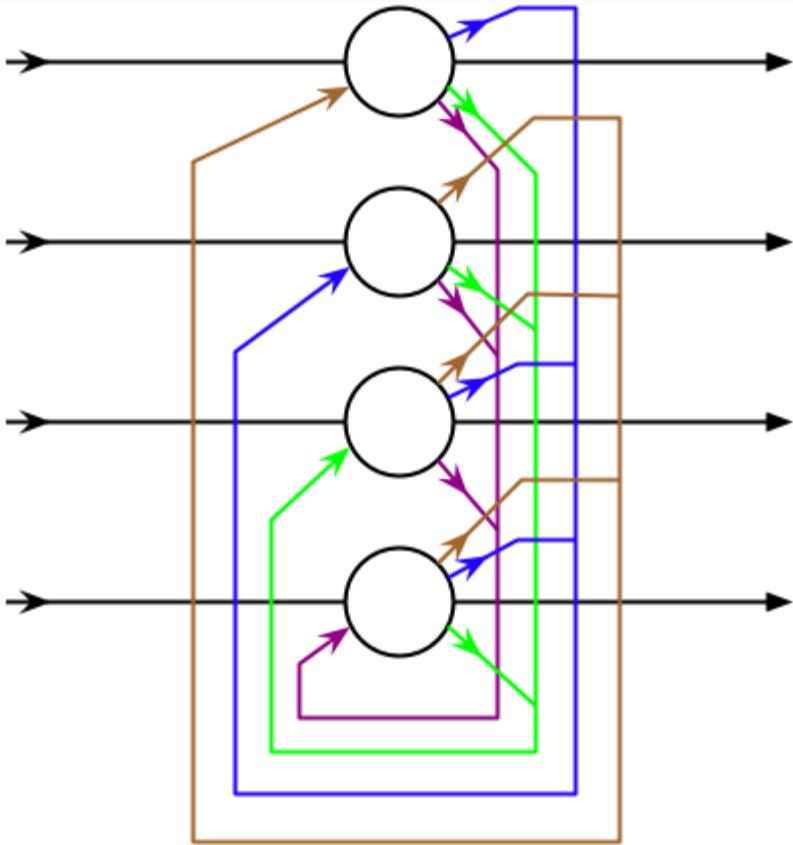


Models of Associative Memory

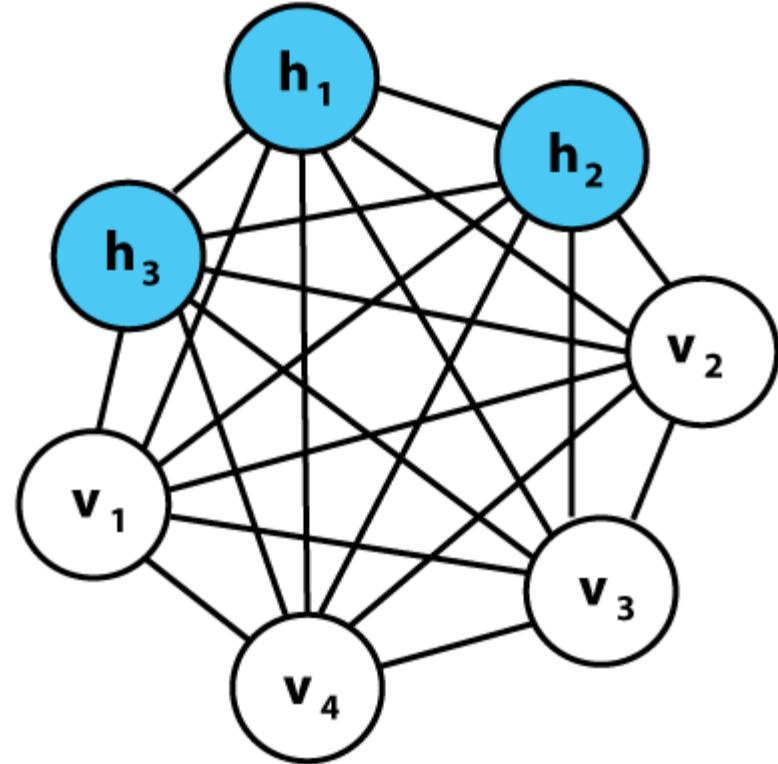
Disposition

- Hopfield Network
- Boltzmann Machine
- Memory Resistor

Hopfield Network

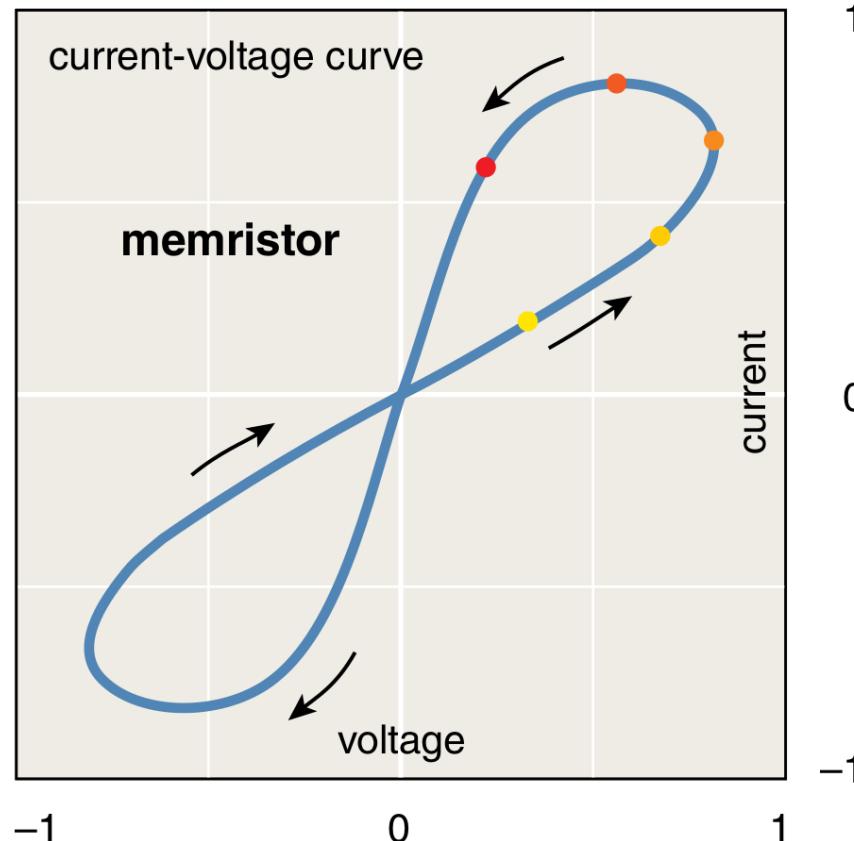
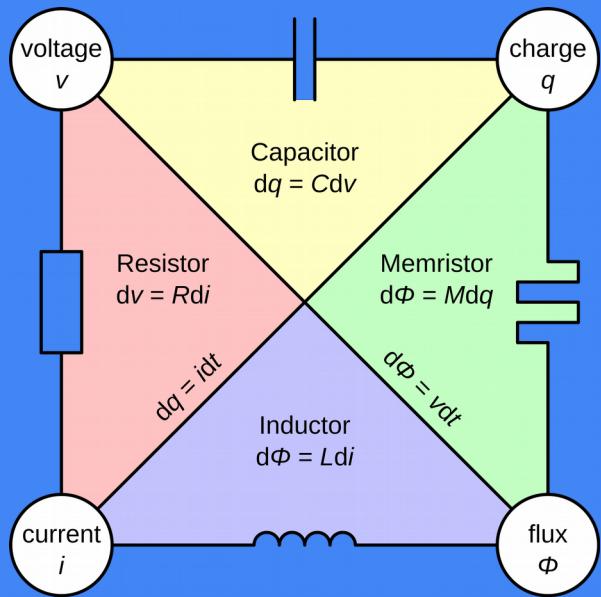


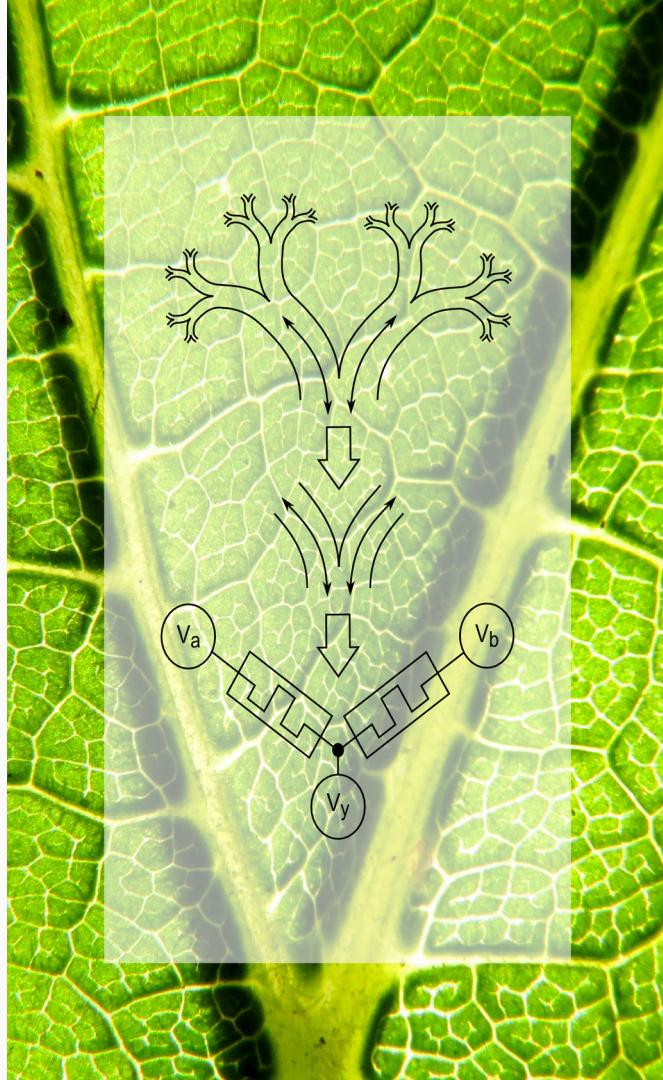
Boltzmann Machine



Memory Resistor

"The missing circuit" - Leon Chua, 1971





Artificial Synapses

The act of accessing memory is the act of processing.

*“Neurons which fire together,
wire together”*

- Donald Hebb (paraphrased)

Thanks!

Lucas Arnström
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Robin Eklind

