

# Statistical Mechanics of Artificial Neural Networks

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December 19, 2015

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What are Artificial Neural Networks (ANN)?

The Hopfield model

Lists I

Lists II

# What are Artificial Neural Networks?

# The Hopfield model

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- ▶ Completely recurrent
- ▶ Symmetrical:  $w_{ij} = w_{ji}$
- ▶ Can be used as an associative memory

# The Hopfield model



## unnumbered lists

lists with pause

# numbered lists

# numbered lists with pause