# Dropout Regularization
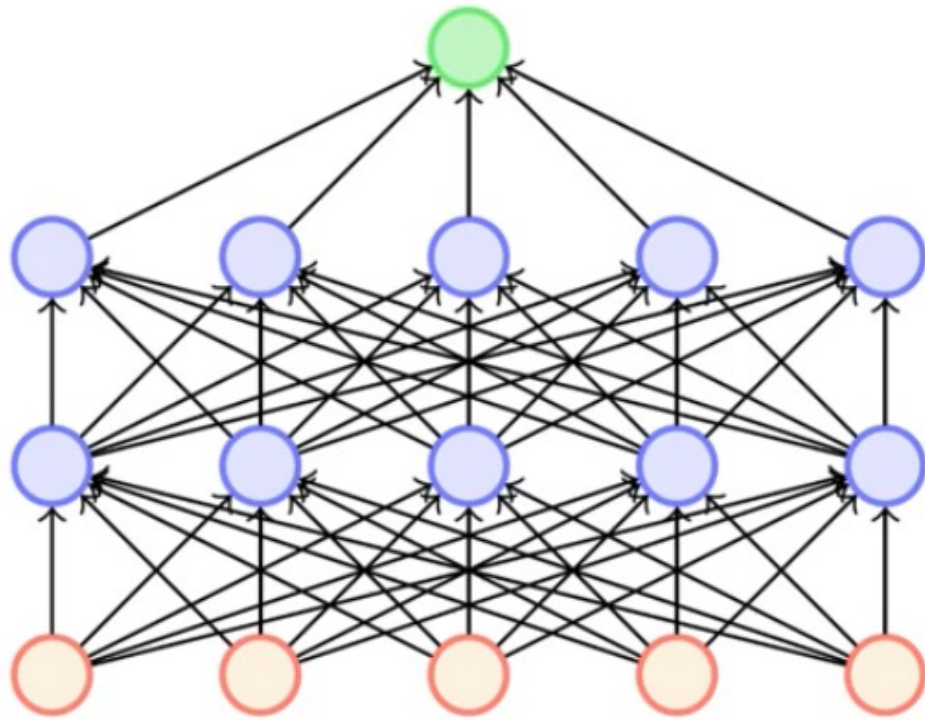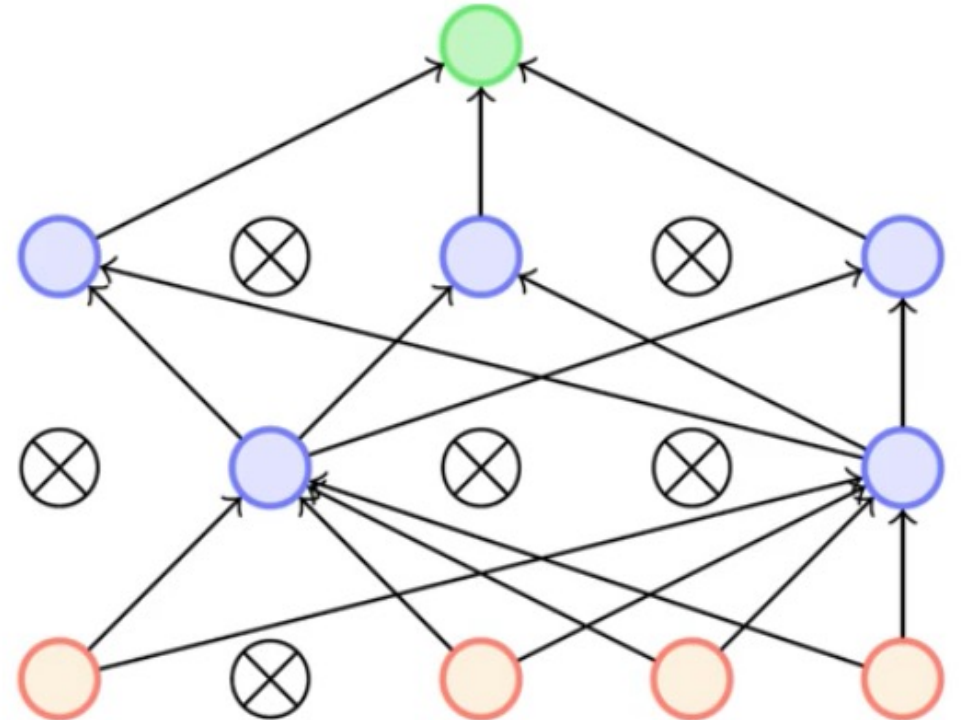
# Outline

- Propensity of overfitting.

- Weight Decay/L1/L2 Regularization

- Condrecet's Jury Theorem

# Basic Idea Of Dropout
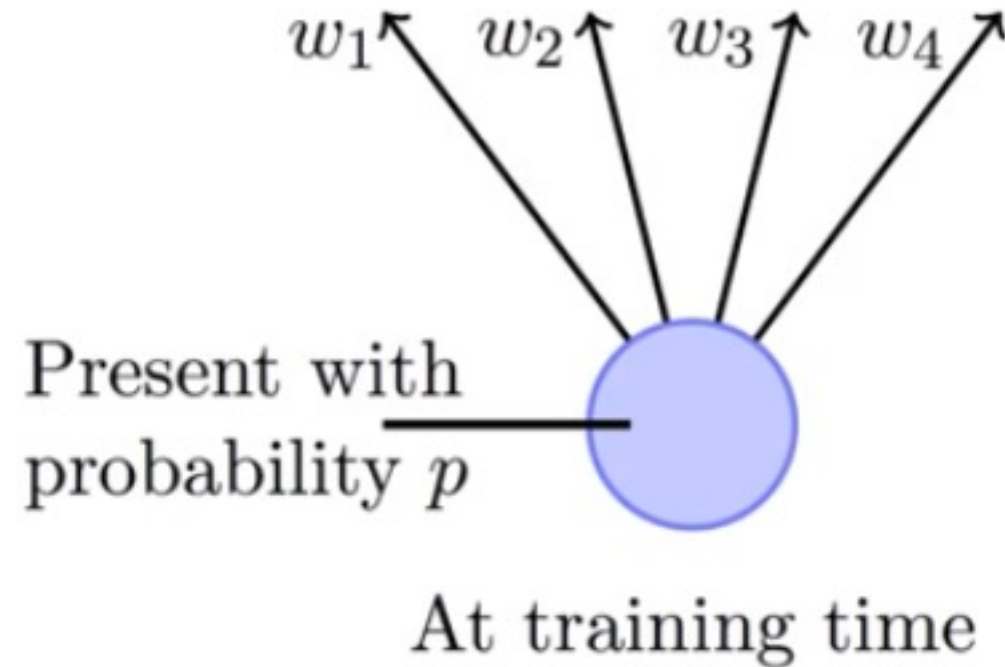


**Original network**

**Network with some nodes dropped out**

# Basic Idea Of Dropout

# Basic Idea Of Dropout