Class 2: Reinforcement Learning

**Rescorla Wagner rule.**

u stimulus

r reward

v expected reward

The reward prediction is Linear v = uv

Reward prediction error (rpe or delta)

delta = r - v

The gradient is the derivative of some parameter.

The derivative tells you how a function variates

So using the derivative you can get the direction of the maximum Loss.

The e learning rate tells you how to fast to variate w.