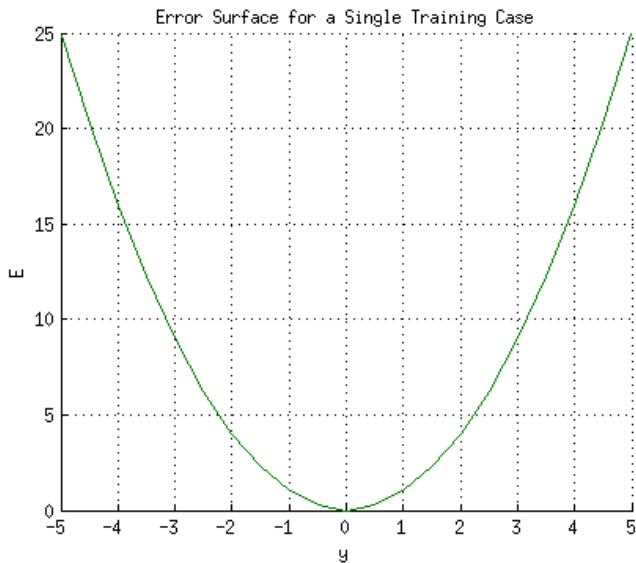# ML Week

0x07c   Backpropagation

Jeff Abrahamson

2–5 novembre 2015

Backwards propagation of errors
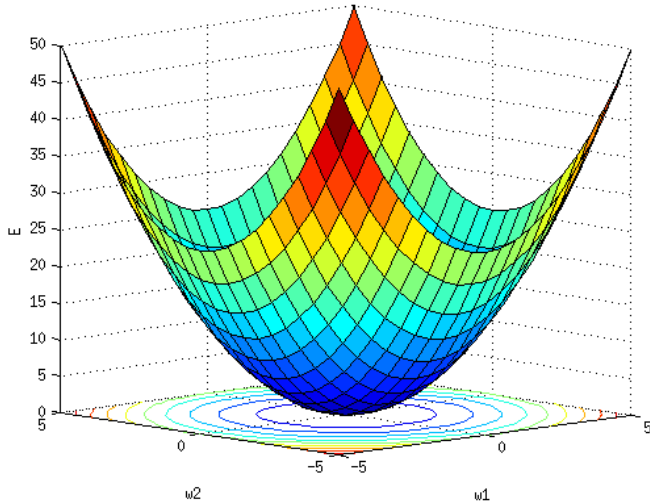
The problem

- Multi-layer ANN's are powerful
- Training them is hellish

Error Surface for a Single Training Case

source: wikipedia

4

Error Surface of a Linear Neuron with Two Input Weights

source: wikipedia

Questions?

`purple.com/talk-feedback`