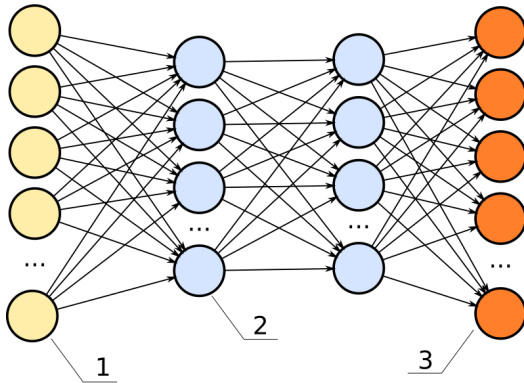
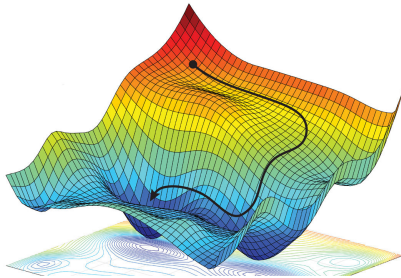


Deep Learning par la Pratique

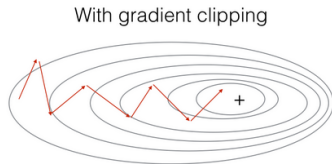
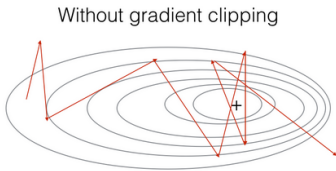
Cours 2 : Keras et Convolutional Neural Networks

Rappels



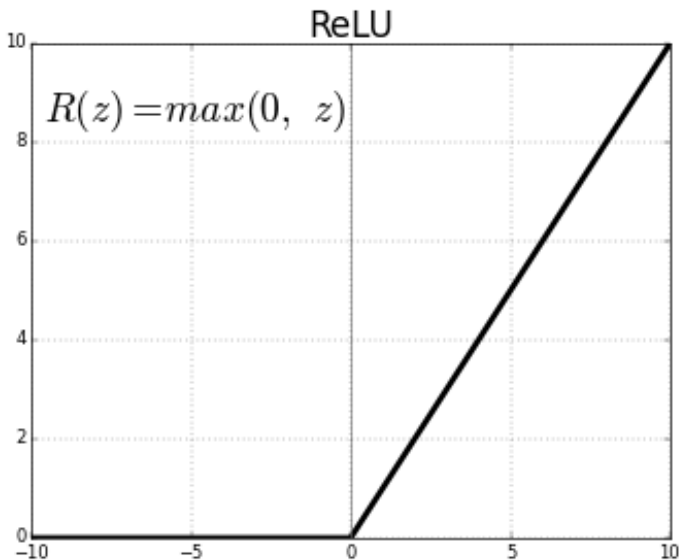


Exploding Gradient \Rightarrow Gradient clipping



Rappels

Vanishing Gradient \Rightarrow utilisation de ReLu plutôt que les sigmoïdes



Optimisateur plus rapide que SGD

- Root Mean Square Propagation (RMSProp)
- Adaptive Gradient Algorithm (AdaGrad)
- Adaptive Moment Estimation (Adam) \Leftarrow
- ... AdaBound (2019) ?

