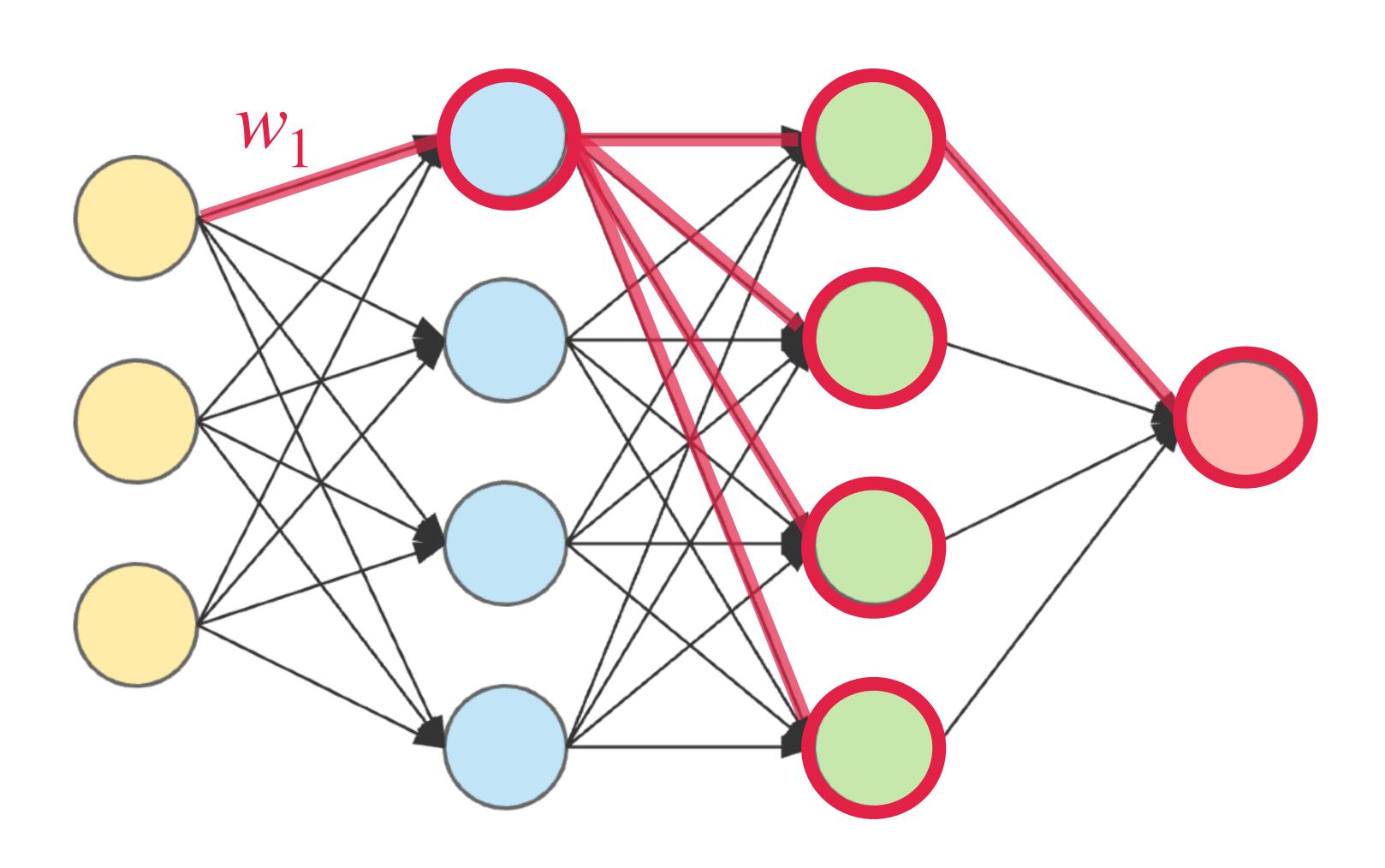
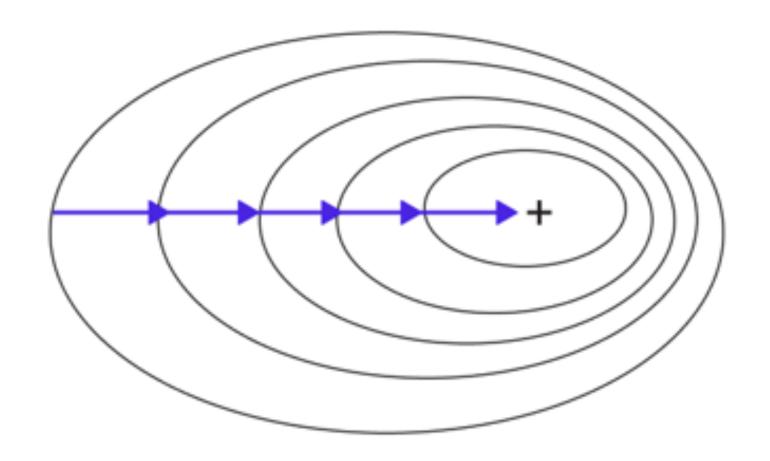
Butterfly Effect

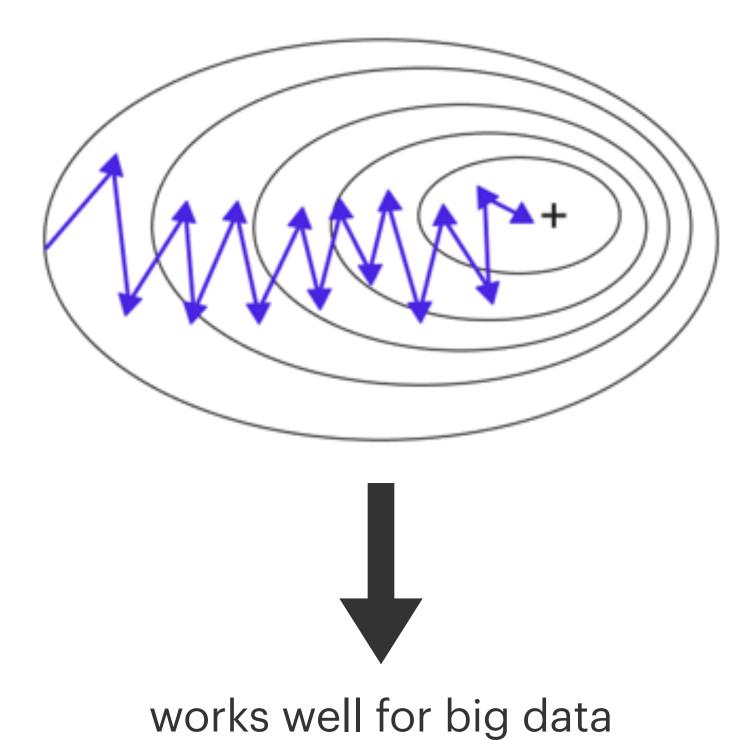


Versions of Gradient Descent

Batch Gradient Descent

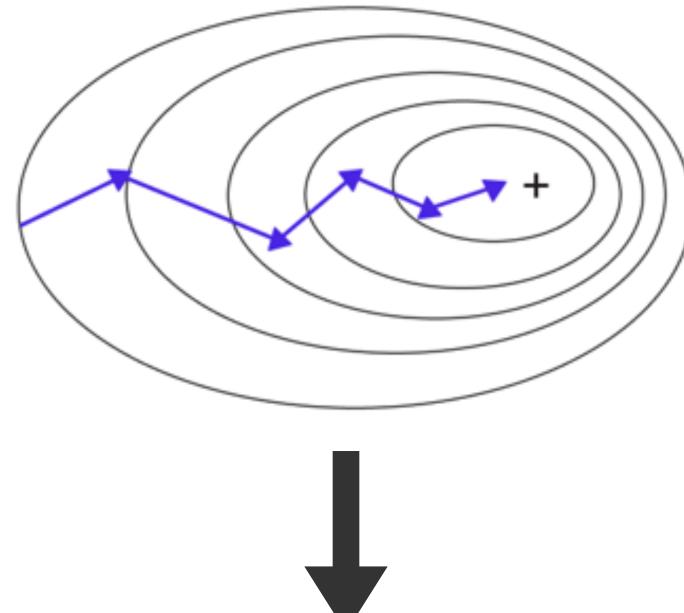


Stochastic Gradient Descent



with a lot redundancies

Mini-Batch Gradient Descent



mostly used for neural networks