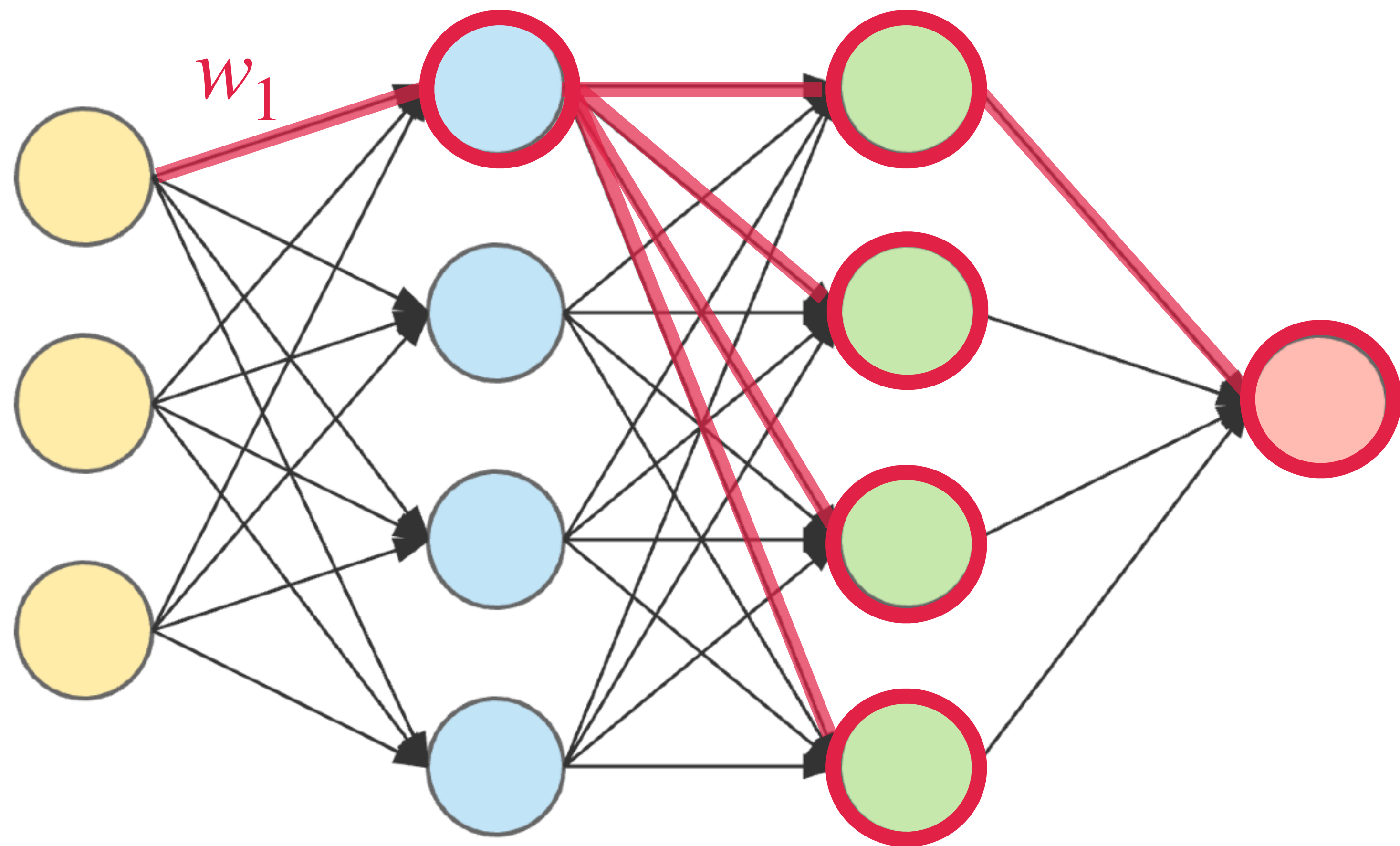
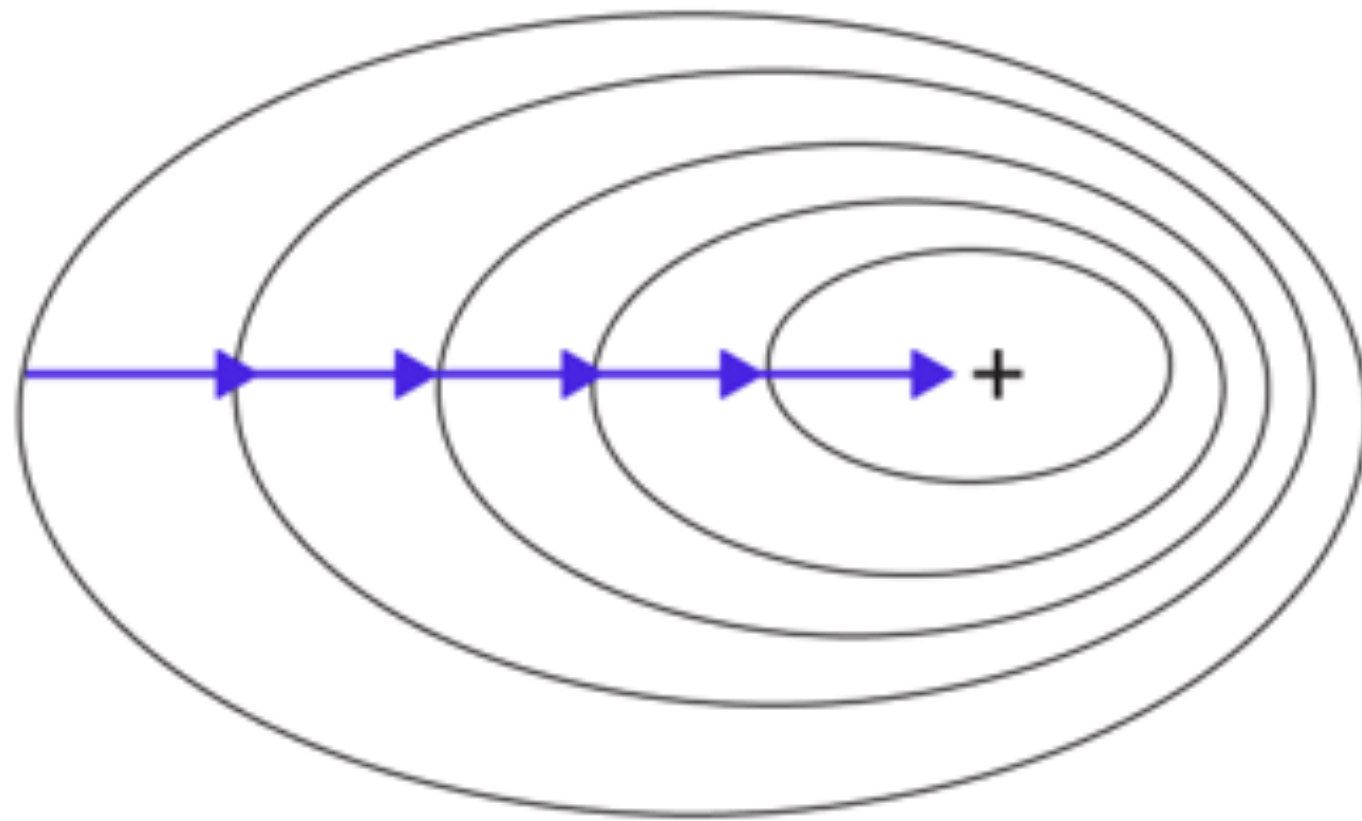


Butterfly Effect

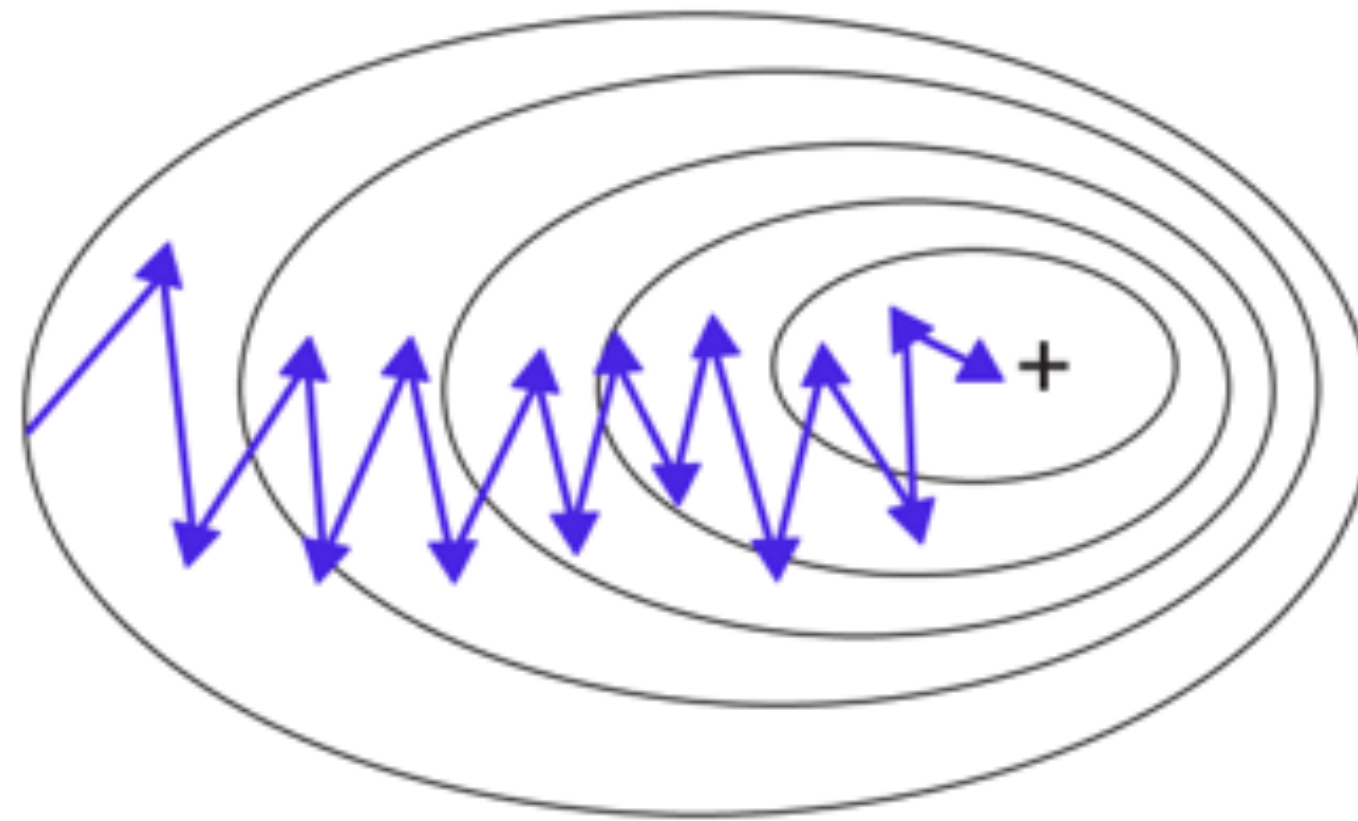


Versions of Gradient Descent

Batch Gradient Descent

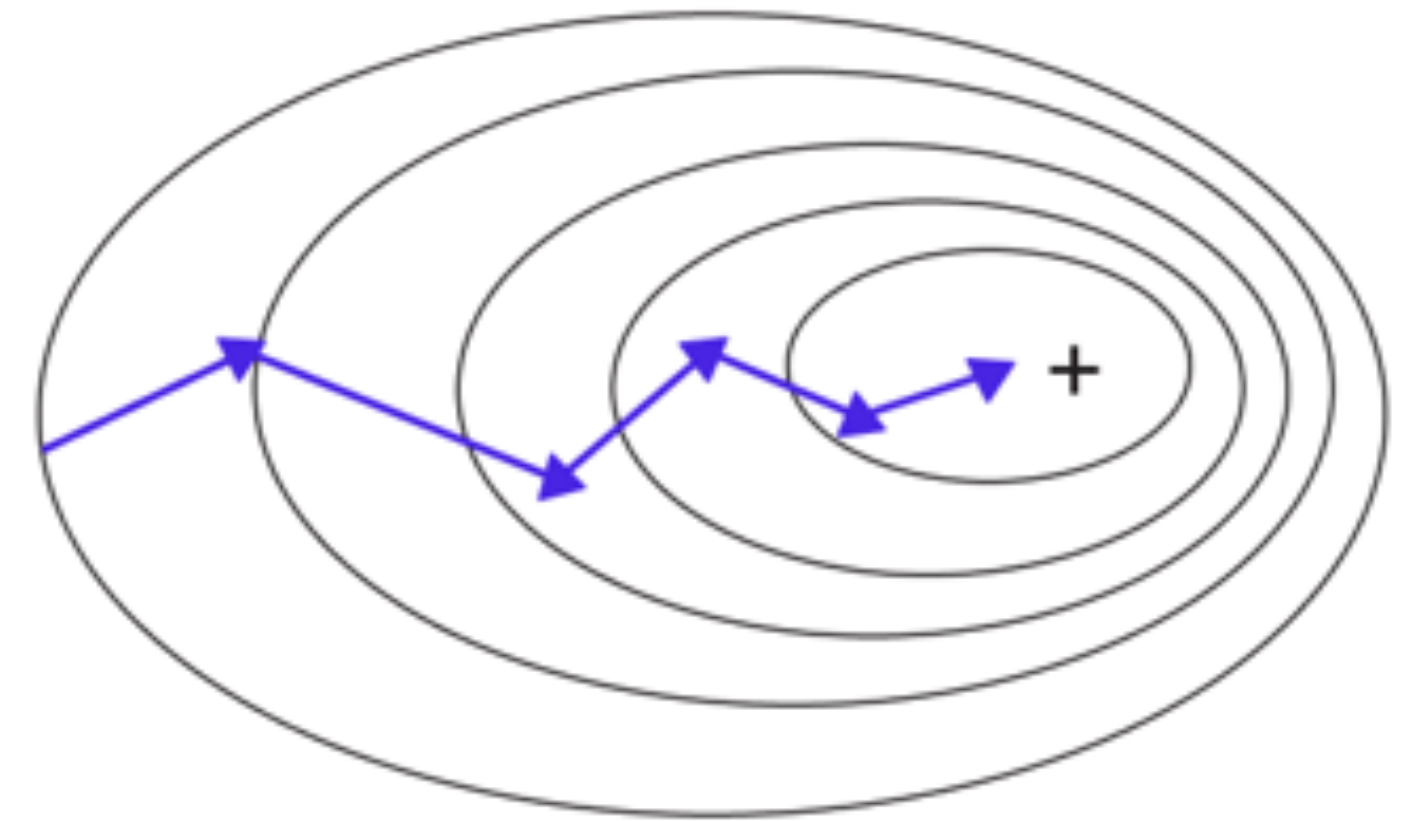


Stochastic Gradient Descent



works well for big data
with a lot redundancies

Mini-Batch Gradient Descent



mostly used for neural networks