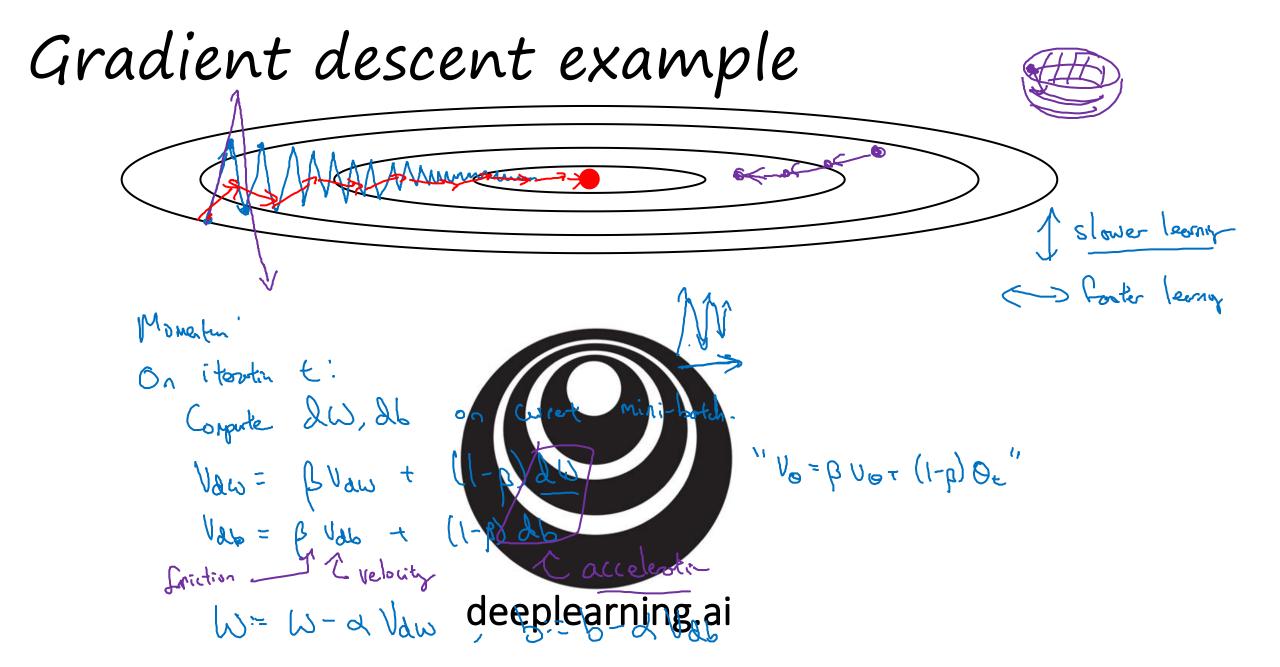


Optimization Algorithms

Gradient descent with momentum



Implementation details

On iteration *t*:

Compute dW, db on the current mini-batch

$$W = W - \alpha v_{dW}, \ b = b - \alpha v_{db}$$

Jaux 1/pt

Hyperparameters: α , β

$$\beta = 0.9$$

average on last 1/0 graduits