

$$W(t+1) = W(t) + \alpha \left(-\frac{\partial L}{\partial W} \right)$$

$$W(t+1) = W(t) + \alpha \left(-\frac{\partial L}{\partial W} \right) + \beta (\Delta W(t-1))$$

$$W(t+1) = W(t) + \alpha \left(\frac{-\partial L}{\partial (W + \beta W(t-1))} \right) + \beta (\Delta W(t-1))$$

