Random restart to solve local minima

fixing Vanishing Gradient problem: 1. Changing the activation function. tanh, ReIV

Momentum to solve local minima:  $\beta$ : momentum  $\in$  (0,1) Step (t) = step (t) +  $\beta$  Step (t-1) +  $\beta$  Step (t-2) ... Ly intuitively it gets us out of local minima.