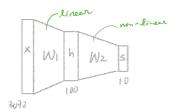


· Neural Network

- Before Linear score function: F=Wx after 2-layer Newrol Norwick: G= W2 max (0, W1x)



3-layer "

Activation functions

Sigmoid

tanh

tanh(x)







$\begin{array}{l} \textbf{Leaky ReLU} \\ \max(0.1x,x) \end{array}$



$\begin{array}{l} \textbf{Maxout} \\ \max(w_1^Tx+b_1,w_2^Tx+b_2) \end{array}$



Neural networks: Architectures

