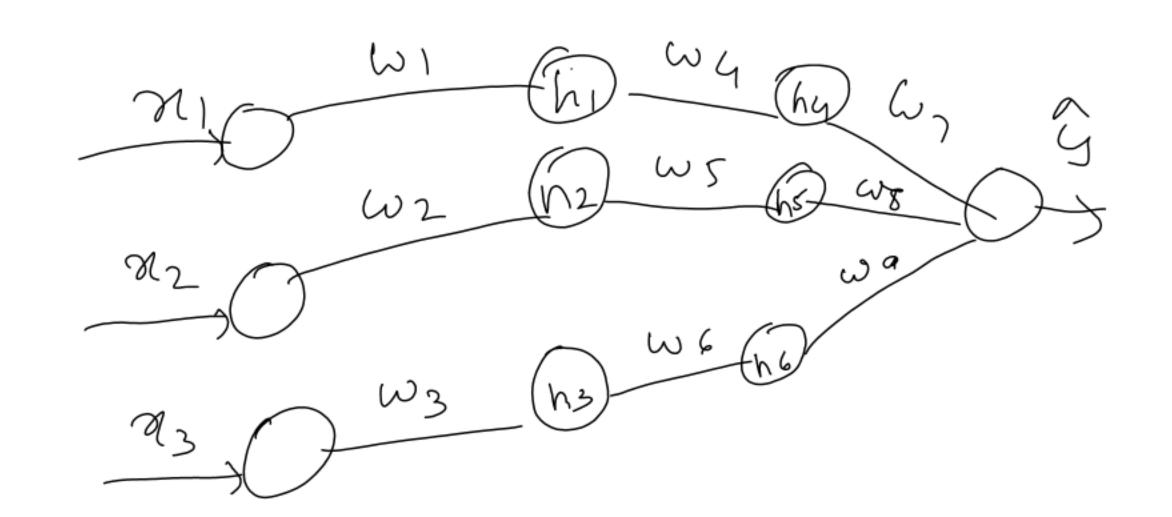
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N = 0.1 \\
(W_1, W_2) = [0.5, -0.5]
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X [1, 2] \\
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Iteration 2 7 P= 0-15 1 w1 = 0.12 q(x) = (1)(0.62) + (2) y(-0.26) + 0.22∠ W2= 0.29 iteration 3 update W1 = 0.62 $Z_3 = \sum_{i=1}^{\infty} x_i \cdot \omega_i + b$ f'(2)=Z = (x(0.668)+2x(-0.164)+0.268 =[2=0.32] update b = 0.22 D Wp = 0.04 8 112 0; £ 0; \$ 0.096 Update weight. > \$ b = 0.048 $\frac{2}{3} = 0.608$ b= n(t,-o;) di=0.8 Updated W7 = 0.668 Oi + di Updated W2 = -0.164 Updated b = 0.268



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 $W = \begin{bmatrix} 0.1 & 0.3 & -0.2 \end{bmatrix}$ $X = \begin{bmatrix} 0.8 & 0.6 & 0.4 \end{bmatrix}$

find the output of neuron by using activation function

[(s) linear

- (1) Sigmond
- 12) Relu
- (3) Tanh (4) Leaky Relu