



$network = [\underbrace{[h_1, h_2, h_3]}_{\text{Input layer}}, \underbrace{[h_4, h_5]}_{\text{Hidden}}, \underbrace{[h_6, h_7, h_8]}_{\text{Hidden}}, \underbrace{[h_9]}_{\text{Output}}]$

and a function

calc :: [Double] \rightarrow Network \rightarrow Double

type Network = [[Neuron]]

data Neuron = Neuron {

threshold :: [Double] [Alternative: just $\frac{1}{1+e^x}$]

edgeWeights :: [Double]

}

(see Neuron.hs in snippets)