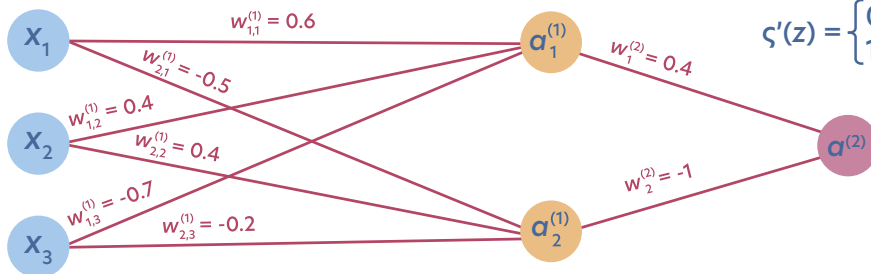


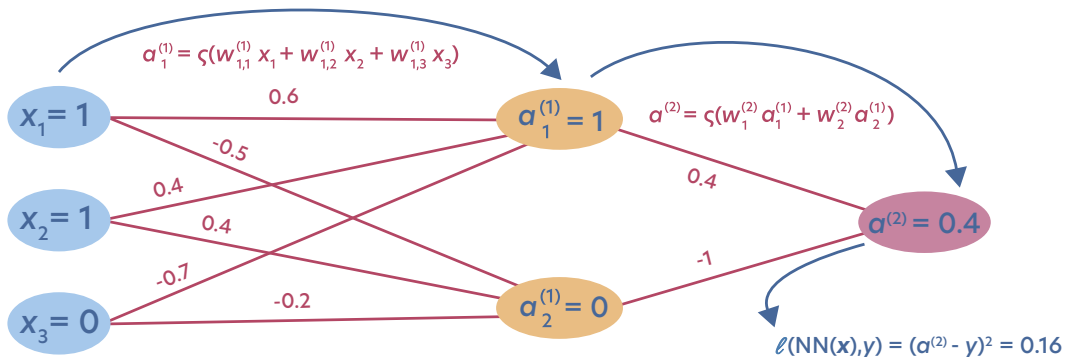
(a) NN de 2 camadas com ReLUs e MSE loss



$$\zeta^{(l)}(z) = \zeta(z) = \text{ReLU}(z)$$

$$\zeta'(z) = \begin{cases} 0, & z \leq 0 \\ 1, & z > 0 \end{cases}$$

(b) forward pass para $(x,y) = ([1,1,0],0)$ guardando resultados intermediários



(c) forward pass para $(x,y) = ([1,1,0],0)$ para calcular gradientes calculando gradientes aproveitando os resultados armazenados cache.

