Oct 5, 2022 Wed
$$f(x) = 0(9) = \frac{1}{|t \exp(-u^{T}x)|}$$

$$9 = W^T X$$
  
=  $W_0 + W_1 X_1 + W_2 X_2$ 

$$W_{0} = \frac{3}{\sqrt{2}}$$

$$W_{1} = \frac{2}{\sqrt{2}} + \frac{1}{\sqrt{2}} +$$

$$\frac{3a}{9(a+p)} = 1 \qquad \frac{9a}{9(a\cdot p)} = p$$

$$W_{k} = W_{k-1} + \eta \frac{\partial f}{\partial w_{k-1}}$$

$$\frac{\partial f}{\partial w_{k-1}} = \begin{bmatrix} 0.2 \\ -0.4 \end{bmatrix} \qquad W_{k-1} = \begin{bmatrix} -3 \\ 2 \\ -3 \end{bmatrix}$$

