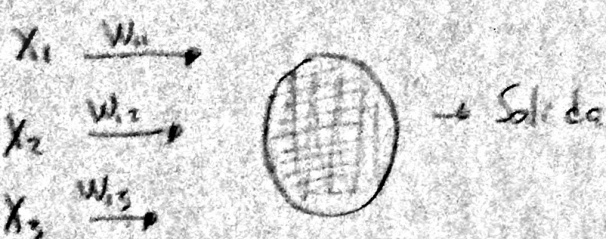


Examen  
Analiza



$$X = \begin{bmatrix} x_1 \\ x_2 \\ x_3 \end{bmatrix} = \begin{bmatrix} 7 \\ 21 \\ -10 \end{bmatrix}$$

$$W = [w_{11} \ w_{12} \ w_{13} \ w_{1b}] = \\ = [-2, 4.5, 8.2, 0.5]$$

$$q = x_1 \cdot w_{11} + x_2 \cdot w_{12} + x_3 \cdot w_{13} + w_{1b}$$

Por lo que

$$q = [7][-2] + [21][4.5] + [-10][8.2] + 0.5 = -1.5$$

$$g(z) = \frac{1}{1 + e^{-z}} \quad , \quad g(q) = \frac{1}{1 + e^{-(-1.5)}} = 0.182425$$

Si coincide con la Programación,

\*Nota: No olvide a hacerlo completo