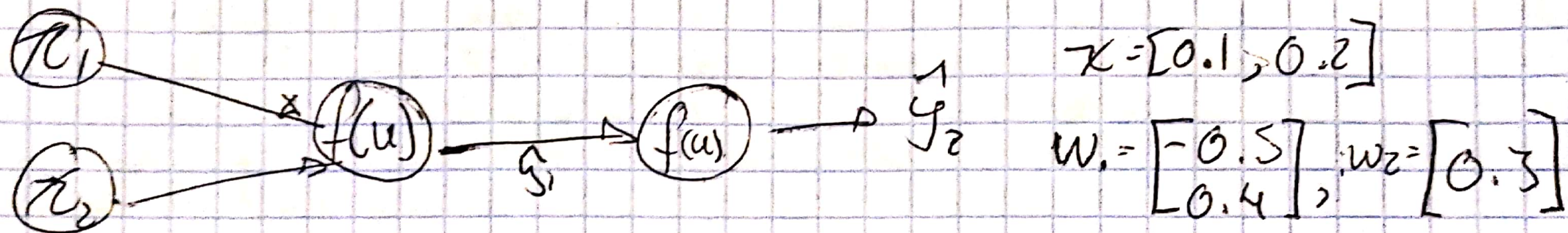


Multicapa: Ejemplo



1- Calcular $\hat{y}_1 = x \cdot w_1 = [0.1, 0.2] \cdot \begin{bmatrix} -0.5 \\ 0.4 \end{bmatrix} = -0.05 + 0.08$

$f(u_1) = \frac{1}{1 + e^{-0.03}} = 0.5$ $u_1 = 0.03$

$u_2 = \hat{y}_1 \cdot w_2 = 0.5 \cdot 0.3 = 0.15$

$f(u_2) = \frac{1}{1 + e^{-0.15}} = 0.537 \rightarrow \hat{y} = 0.537$