Capa oculta 2 Capa oculta 1 $\boldsymbol{a}_2 = \varphi_2 \left(\boldsymbol{W}_2 \boldsymbol{a}_1 + \boldsymbol{b}_2 \right)$ $\boldsymbol{a}_1 = \varphi_1 \left(\boldsymbol{W}_1 \boldsymbol{x} + \boldsymbol{b}_1 \right)$ $\boldsymbol{a}_2 \in \mathbb{R}^5$ Entrada $\boldsymbol{a}_1 \in \mathbb{R}^4$ $oldsymbol{x} \in \mathbb{R}^3$ Salida $\boldsymbol{y} = \varphi_3 \left(\boldsymbol{W}_3 \boldsymbol{a}_2 + \boldsymbol{b}_3 \right)$ $oldsymbol{y} \in \mathbb{R}^2$