

XOR is Just OR and ! AND !AND Input AND A multilayer format 15 needed

Limitations of a single layer perceptron

$X_1 \rightarrow 0 W_1$ W_{12} W_{21} $W_{22} \rightarrow 0$ $W_{22} \rightarrow 0$	
	= weighted sum of H,
$\times_1 \times W_{12} + \times_2 + W_{22}$	= weighted so
$\left(\begin{array}{ccc} W_{11} & W_{21} \\ W_{12} & W_{22} \end{array}\right) \times \left(\begin{array}{c} X_1 \\ X_2 \end{array}\right) =$	(h ₁)