Can you do it your self?

$I_1=1$ $I_2=1$

$v_{21}=-1$ $v_{12}=1$

$v_{11}=1$ $v_{22}=1$

h_1 h_2
H_1 H_2

$w_1=-1$ $w_2=1$
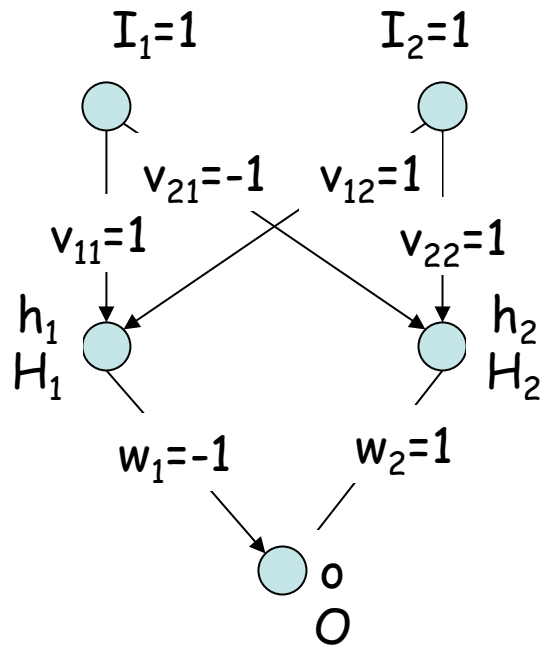
o
O

$$\Delta w_j = -\varepsilon \cdot \frac{\partial E}{\partial w_j}; \Delta v_{jk} = -\varepsilon \cdot \frac{\partial E}{\partial v_{jk}}$$

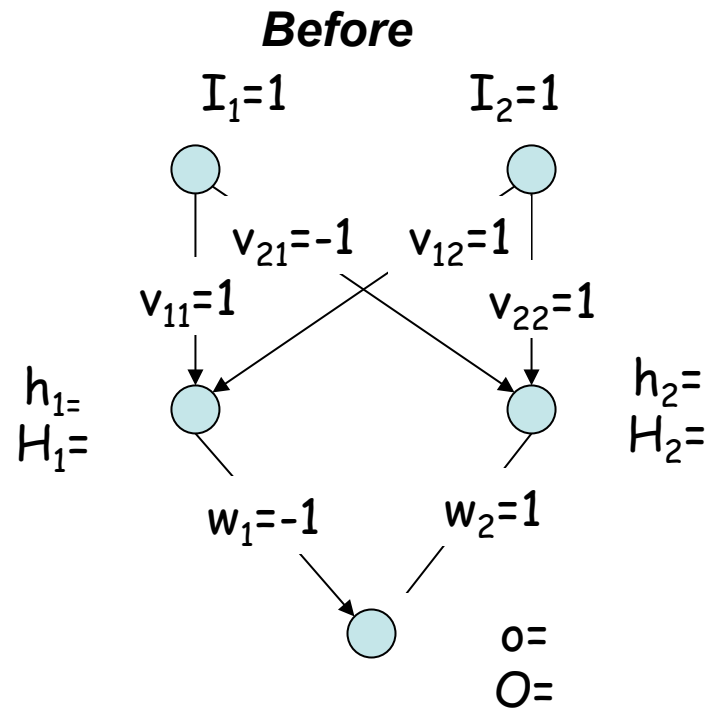$$\frac{\partial E}{\partial w_j} = (O-t) \cdot g'(o) \cdot H_j$$

$$\frac{\partial E}{\partial v_{jk}} = g'(h_j) \cdot I_k \cdot (O-t) \cdot g'(o) \cdot w_j$$
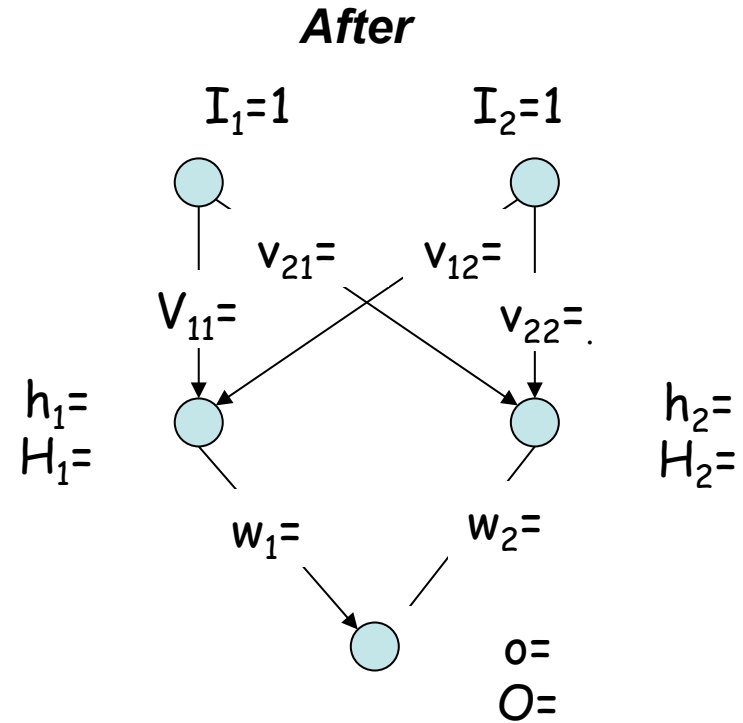
$$g'(x) = (1-g(x)) \cdot g(x)$$

$$O = g(o)$$

What is the output (O) from the network?
What are the Δw_{ij} and Δv_{jk} values if the
target value is 0 and $\varepsilon=0.5$?

Can you do it your self (ε=0.5).
Has the error decreased?

Before

$I_1=1$ $I_2=1$

$v_{21}=-1$ $v_{12}=1$

$v_{11}=1$ $v_{22}=1$

$h_{1=}$
$H_1=$

$h_2=$
$H_2=$

$w_1=-1$ $w_2=1$

$o=$
$O=$

$\Delta w_1 = ??$
$\Delta w_2 = ??$

After

$I_1=1$ $I_2=1$

$v_{21}=$ $v_{12}=$

$V_{11}=$ $v_{22}=$.

$h_1=$
$H_1=$

$h_2=$
$H_2=$

$w_1=$ $w_2=$

$o=$
$O=$

$\Delta v_{11} = ??$

$\Delta v_{12} = ??$

$\Delta v_{21} = ??$

$\Delta v_{22} = ??$