



- -1.948

$$0^2 = f(net^2) = 2$$
 $1 + exp^{-1} net^2$ 

$$f(net^2) = \frac{1}{2}[1-(6^2)^2]$$

$$w^{g} = C \cdot (d_{2} - o^{2}) \cdot f'(net^{2}) \times 2 + kv^{2}$$

$$(0.1) \times (-1 + 0.75) \times 0.218 \times [0] \qquad [0.974]$$

$$1.5 + -0.948$$

$$-0.5 \qquad 0$$

$$-1 \qquad 0.520$$

steps:

Input is x3 weight rector is ki<sup>3</sup>

net <sup>8</sup> = w<sup>8</sup> t x3 = [0.974 -0.956 0.002 0-531]

$$0^{3} = f(net^{3}) = 2$$
  $-1 = -0.842$ 

$$= \frac{1}{2} \left[ 1 - (-0.842)^{2} \right]$$

$$\frac{1}{w^4 = c (d_3 - o^3) \cdot f'(net^3) \cdot x_3 + w^3}$$

$$= (0.1) \times (1 - (-0.842) \times 0.145 \times [-1] \quad [0.974]$$

$$= (0.5) \quad 0.002$$

$$= (-1) \quad 0.531$$

$$=(0.1)\times(1-(-0.842)\times0.145\times|-1|$$