

Now Yout =1, T=-17=) fraining is needed.

Case 2 (b) is applied >> wto attached to those hidden

and having the net I/P are

updated.

$$W_{01}(n\omega) = W_{01}(old) + \eta (-1 - 2\pi) \times_{0} \qquad W_{01}(n\omega) = W_{02}(old) + \frac{1}{2}(-1-7in_{2}) \times_{0} \qquad W_{01}(n\omega) = W_{01}(old) + \eta (-1 - 7in_{1}) \times_{0} \qquad W_{01}(n\omega) = W_{01}(old) + \frac{1}{2}(-1-7in_{2}) \times_{0} \qquad W_{01}(n\omega) = W_{01}($$

( Frained using Backpropagation algo) IIP -> hidden: W (w)
hidden -> 01P -> V (w) hidden nevrous (non-linear sigmoidal activation fun.), sigmoidal A: sigmoidal gain: O(p nuron: Lignoidal -7 1+0-AT Torquet: [1 0]  $T_{1}(1) = 0 \longrightarrow (1 (0_{1} - 1)^{2} + (0_{2} - 0)^{2}$   $= (0) = 0 \longrightarrow (1 (0_{1} - 1)^{2} + (0_{2} - 0)^{2}$   $= (0) = 0 \longrightarrow (1 (0_{1} - 1)^{2} + (0_{2} - 0)^{2}$   $= (0) = 0 \longrightarrow (1 (0_{1} - 1)^{2} + (0_{2} - 0)^{2}$ back ward computation. (Err-back-prop)