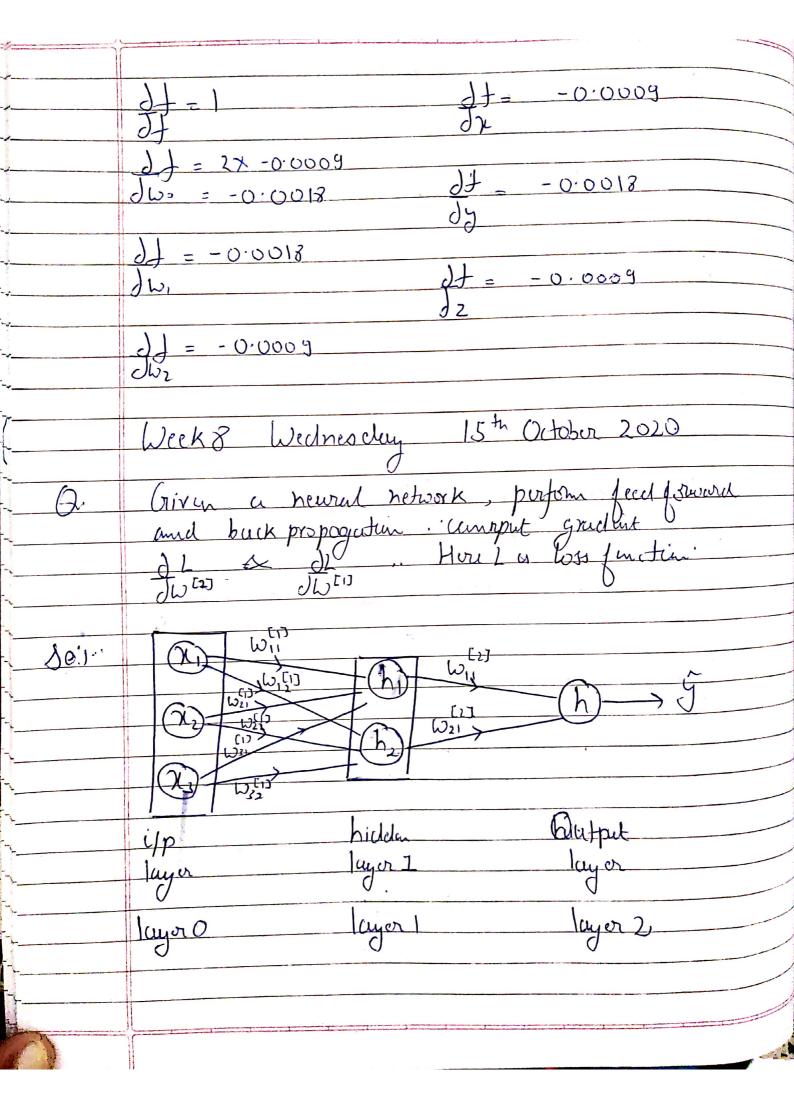


-1 - 7 X 0.0009

(X) =0.0003



PAGE No.

Assumption: Here I can using MSE (Mean Squarded Drox) function

E = 1 5 (y-G)2

Hore N=1, bereure we have only I made at output.

E= 1 5 (y-ŷ)2

y = adual True label

9 = prudictul value

Notation Meuning

Wij = hums weight connecting unit i to

input vector = (xp, x2, x3)

W[1] = Weight mussix fr layer 1

W, W12 W22 W31 W32

*	DATE / /
	Weight madrix fr layer 2
	Leed forward Pass
	$h_{1} = W_{11}^{(1)} \chi_{1} + W_{21}^{(1)} \chi_{2} + W_{31}^{(1)} \chi_{3}$
h	$h_2 = W_{12}^{(1)} \chi_1 + W_{22}^{(1)} \chi_2 + W_{32}^{(1)} \chi_3$ $[h_1, h_2] = [\chi_1, \chi_2, \chi_3] [w_1, w_2]$ $[w_{21}, w_{22}]$
	$h = h_1 W_{11}^{[2]} + h_2 W_{21}^{[2]}$
	$\hat{y} = h$ $Ens(E) = \int (y-\hat{y})^2$
	$\frac{2}{2} \left( \frac{1}{3} - \left( \frac{1}{3} + $
	DE = 1.
	JE = JE x Jý (Chum Mule)

$$\frac{\partial \dot{y}}{\partial u} = hi \quad \dot{z}^2 1, 2.$$

$$\frac{JE}{J\omega^{(2)}} = \frac{-(y-\hat{y})}{J\omega^{(2)}}$$

$$\frac{3\hat{i}}{3} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2}$$