```
Truly Jaconon
  TEtotal, JETotal, JETotal, JETotal
 Eddal = Eos + Eoz = choldergo our
         ceehare Eos = 1 (targetos - outos)
         Outo1 = 1+0-neto1
             netas = 25 + out + + WC + out h2 + b2 +1.
 1. DEtotal = 2 Etotal * 20001 * 2005
      again, <u>2 Etolal</u> + 2 outol = 201
   Now, we will find act the partial derivatives of
   : Eddal = L (dasgedo1 - oudo) + L (largedo2 - outo2)
   [ acuto] = 1 + (targeto, - auto) + (-1) + 0
             = f rargetoi - outoi)
              =-(·01 - · 75136)
-[ · 7413.]
  again, as outsi = 1 - netoi = autoi (1- autoi) = Doue
           = .75136*(1-75136)
                   - 4 . 1868 .
NOW. nedo1 = Ws * outhy + W6 * outh2 + b2 * 1
     2 neto1 = outh = "59326"
      aws
     : DEtokal = .7413 + 01868 # .59326
         2005 = .0821
      1. W5 = W5 - 7 * 28+ Cal = 0.4 -0.5 *0.082167
```

$$\frac{\partial \mathcal{E}_{1}^{2} \circ \partial \mathcal{L}}{\partial \mathcal{W}_{G}} = \frac{\partial \mathcal{E}_{1}^{2} \circ \partial \mathcal{L}}{\partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}} = \frac{\partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{1}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{1}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{1}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2}} * \frac{\partial \mathcal{C}_{2}^{2} \circ \partial \mathcal{C}_{2}^{2}}{\partial \mathcal{C}_{2}^{2}} * \frac$$

cuhere,

$$\frac{\partial \omega_{1}}{\partial x} = \frac{1}{1+e} neso_{2}$$

$$\frac{\partial \omega_{1}}{\partial x} = \frac{\partial \omega_{1}}{\partial x} (1 - \frac{\partial \omega_{1}}{\partial x})$$

$$= \frac{\partial \omega_{1}}{\partial x} = \frac{\partial \omega_{1}}{\partial x} (1 - \frac{\partial \omega_{1}}{\partial x})$$

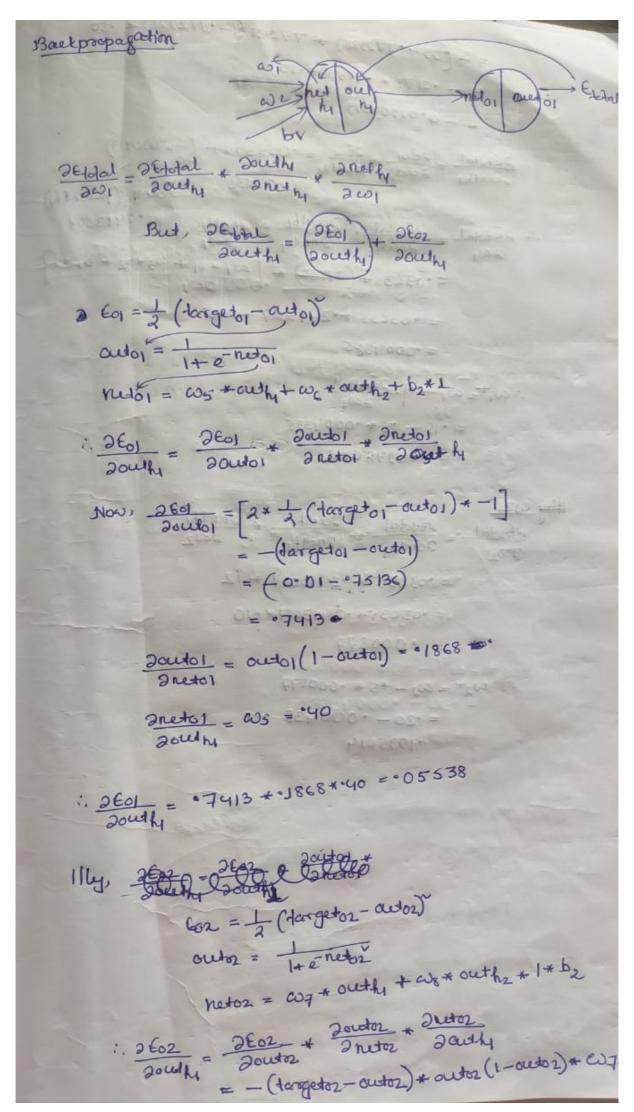
$$= \frac{\partial \omega_{1}}{\partial x} = \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x}$$

$$= \frac{\partial \omega_{1}}{\partial x} = \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x}$$

$$= \frac{\partial \omega_{1}}{\partial x} = \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x}$$

$$= \frac{\partial \omega_{1}}{\partial x} = \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x} + \frac{\partial \omega_{1}}{\partial x}$$

$$= \frac{\partial \omega_{1}}{\partial x} = \frac{\partial \omega_{1}}{\partial x} + \frac{\partial$$



$$= -(59 - .772928) * 772928 (1 - .772928) * .50$$

$$= - .2171 * .1755 * .50$$

$$= -0.01904919$$

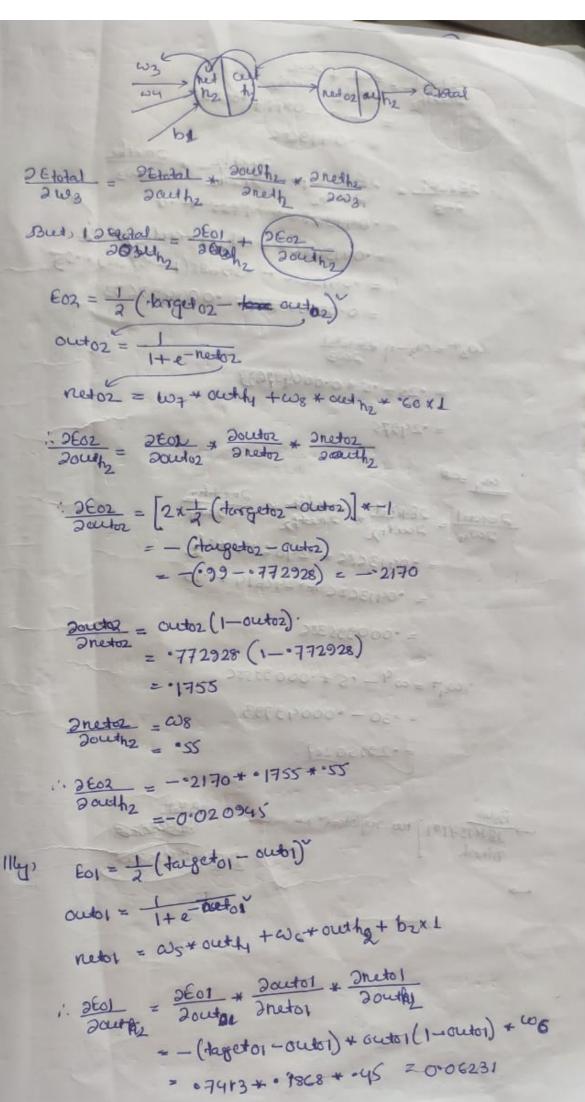
$$= -0.01904919$$

= 00004385

$$\omega_{2}^{+} = \omega_{2} - *5 * *000877$$

$$= *20 - *000438$$

$$= *1995614$$



= . 29850 207