

Activation Junction is lignoid = -1+e-x

Followed Pons

H1= W1x1+ W2x2+b) = 0.3775

41= out H, +w5 +out Hz +w6+b2 = 1.10540 5967

$$\frac{|T|_{P}}{21 = 0.05}$$
 $\frac{8i\omega}{51 = 0.35}$
 $\frac{1}{2} = 0.60$

Inital weights

7 -0.01

12 = 0.99

W2 = 0.20

W1 = 0.15

W3 = 0.25

From = E = (tanget - output)

=1/2(0.01-0.7536)+1/2(0.99-0.712)

Etabol - 0.298371109

To calculate sont at us = eletatal Sup

we It elftotal There is no ws, here we cannot digerentiate we will split it now

elEtotal Somb 18 poppy + sports1

e) Ethotal = = = = = (T1, -0w/41) + 1/2 (T2-0w/42) ~

eletatal 2·1/2 (Ti-outy) ?-1 + 0 = (outy)-Ti) = 0.74136507

For term (1)

elouty 1

elauty =

elouty = outy(1-outy) = 0.75136(1-0.751359) = 0.186815602(

. Fol Term (2)

(d) o(x)= 1 €-x 9(20)= 1+6-2 (1-6-2)-1 1+6x(1-1 te-2/2 (tex)

4 = outh & ws + outh * ws +b2-

04

elus - Out+1 = 0.593269992

For tom (3)

eles = (1) +(2) +(3) = 0.082167041

W5 = W5 - 7 elftotel

8491 be 35.0 = 5m

