of Engument back generagation rulded argonithus Ozin= (0.5x 0.59327 + 0.55x 0.59689 +0.6) = (1.22490) = /He-1-284 GASENO 05 W1 015 (h) W5=0.40. = 0-77893 Error = 1'2 (target-output)2 Wx € 0.30 €= 1 (T-outo)2+1 (T-outo)3. S(x)= / He-x. - (0.01-0.75137)2+(0.99-0.77293)2 him = f(w, x, + woxi +b,) = 0 (0.15×0.8)+(0.20×0.1)+0.35 +(0.870 0.37.75 = 0.59322. Thin = (1+e-10.3775) = 0.59322. = 0.298371. (T1 - 60 sin) x Olin x (1- Din) (0.01-0.75137) KO.75137X(1-0.75137) = - 0.13850. Main= (.0.3 x 0.0) + (0.25 x 0.05)+ 0.35. WE WE SENT X & SOI + Ohin. = 300.3985 49 FM = (1+e-(0.3925) = 0.59639. = 0.4 + 6.5x(-0-13850) # 0.59327. - 0-35892. Din= ( Ws & nin + wxx hain + ba. We now = w, od + &x Sol x hein. Orio ( Wykhrint W&x hpint ba) = 0.45+ 0.5×(-0.13 & 50) x 0-59689 20-40867 Orin= (0.40 x 0 5932+ 0.45 x 0.8989+ · 63 = 63 + NXSO(X) E(1.10591) = 1/1+e-(1.10591). =0.60+0.5x(-0.13850)x1

= 'Soo = (To - @ Sin) x Ostin x (1- Sin) PAGE NO.

PATE / / bi= bixxx8nix1 = (12 - (12 - 0.77293) y 0.77293 x (1-0.722) E0.03810 b. = 0.34562. with - with Soz x in hin. = 0.50 + 0.5 x 0.03810 x 0.59322 Snz = ( dof x W6+ 60; xw) x O2 (1-0x) = 0.51130 wyw - wg + x x doz x bain. = (1-0.13850) x 0.45 + 0.038 (0 x 0.55) 0.59 689 = 0.55×0.5×0.03810×0.59629 (1-0.59689) = 0.56137 =-0.00995 = b + od & soax 1 W37 WStx &nox11 =0.025+0.5×(-0.00995)×0.05 = 0.60+ 0.5×0.03810×1=0.61900 = 0.24975 · Shi = ( Soit Ws + Soa x W7) x O.1 x (1-Outs) WU= WHXXX Suzxia =0.30+0.5×(-0.00995) KO.10 = (-0-13850x0-40+0-03810x0.50)x0.59327 (1-0-59327) Wu= 0.29950 = -0.00877. doit bat OX San XI = 0.35x 0.5x (-0.00995) x1 Wi = wit Xx Zhixii -0.34503. = 0.15 + 0.5 x C-0.080 877) x 0 805 = 0.14978 W3=0.24975 w, = 0.14978 W2=0.19956 W 6= D-53075 W4:0.29950 055 35842 w Wator Stinio W== n. 5/130 Wx=0.56/39 = 0.20+05×(-0.008-77) × 00 m b3=0.53075 b1 = 0.34562 ba = 6.3450 = 0.19956. by = 0-61905