4	
-	
	CS 472 Backprapagation HW
-	y=0
+	$\omega_{21} = 1.00420  \omega_{22} = 1$
+	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
	410 v= [07 W. = 1.00575 Wz=1.00113 Wz=1.00113
-	
-	$         \text{Net}_{3} = 0 + 1 + 1.00113 = 2.00113          \text{Net}_{3} = 0 + 1 + 1.00113 = 2.00113          \text{Q}_{2} = \frac{1}{1 + e^{-2.00113}} = \frac{1000113}{.981} $
-	100 - 0 - 1 + 1 00113 - 0 00113
	1/El 3 - 0 + 1 + 1.00113 - 1.00113
	C =
	1+6 .001
	$\alpha_3 = \frac{1}{142200113} = .881$
	9 y = 1
	• • •
	Net, = 1.0042(.881) + 1.0042(.881) + 1.00575 = 2.775
	Ner = 1,0042(1881) + 1,0042(1881) 1 110 31 1
2 6	$a = \frac{1}{1+e^{2.775}} = .941$
	8,=(0941).941(1941)=-,0522
	100 (1) = 1(.881)(0521) =046
	$\Delta \omega_{21} = 1(.881)(0521) =046$ $\Delta \omega_{31} = 1(.881)(0522) =046$
	$\Delta \omega_{yy} = 1(1)(0522) =0522$
	1 Wy = 1 (1/(-, V) 22) · V) 22
	001/1 0017/- 0027/1 0017/- 0007
	8 = a (1-a ) 8, W21 = .881(1881)(0522)(1.0042) =0055
	62=-,0055
	$\Delta W_{52} = 1(0)(0055) = 0$ $\Delta W_{62} = 1(1)(0055) =0055$ $\Delta W_{62} = 1(1)(0055) =0055$ $\Delta W_{72} = 1(1)(0055) =0055$ $\Delta W_{72} = 1(1)(0055) =0055$
	ALUSZ - 1(1) (- 0055) = -0055 AW(== 1(1)(-0055)=-0055
5	1 W = 1(1) ( - 1055) = - 2055 NATU = 1(1)(- MSE) =
	DW71=1(1) (0055)0055
	$W_{21} = .958$ $W_{52} = 1$ $W_{53} = 1$
	$w_{31} = .958$ $w_{62} = .995$ $w_{63} = .995$
	WHI = . 954 W72 = . 996 W73 = . 996