## COM222 – Advance Deep Learning

NO	NO.: DATE: D3/31/25
Pagdanganan, Kavier P. Exercise 14	Deep Learning
COM221	
(2)	= ~0.85 > 0.00
Way 2	= -16
$W_{12}$ $W_{2}$ $W_{3}$ $W_{2}$ = -40.8	
b <sub>2</sub> W <sub>2</sub> = 2.70	
the tot	
21 = (Wax)(X1) + b11 b1 b1 max (0, 21)	
= (1.70)(2) + (20) -0.85 = max (0, 2.65)	
$ z_1 = 2.55 $ $ b_1 = 2.55 $	
THE RESERVE AND THE PROPERTY OF THE PARTY OF	
Z= (W22 (x1) + 612   h2 = max (0, Z2)	
= (12.6)(2) + (0.00) = max (0, 25.2)	
Z2 = 25.2   b2 = 25.2	
	( a Z <sub>2</sub> )
	(0,-52)
12	(0, 02)
101.1 1 60.01 10.10	4 09900
23 = -52	2.1086
	6.9241
Value 2.55	wer in cost of
F. C. L. S. C. L. F.	2 1 5 7 2 1
Z <sub>2</sub> 25-2 Z <sub>3</sub> -62	
h <sub>4</sub> 2.55	
he 26-2	
6 0	

N I		NO.: DATE: D&/21/25
Pagdanganan Navier P. Exercise 1B	* * * * * *	Deep Learning
COM221		
(se <sub>1</sub> ) W <sub>11</sub>	K <sub>1</sub> = 10	
W12 22 W92	x <sub>2</sub> = 30	
Wet Wat Wat Wat	x3 = 20	
Wat May wat		
R3 W32 W62	Wag = 0.2	
	W12 = 0-7	
Z1 = (W11) (X2) + (W21) (X2) + (W81) (X2)	W21 = -0.1	
= (0.2) (10) + 60.1)(30) + (0.4) (20)	W22 = -1.2	
21- 7	W31 = 04	
	W32 = 1-2	
Z2 = (W52) (X4) + (W22) (X2) + (W32) (X8)	Wa1 = 1.2	
	V42 = 3.1	
22 = -5 L	J <sub>51</sub> = 0-1	
h	152 = 1.7	
Z3 = (W91) Ch4) + (WOV) Ch2)		
= (1.1) (0.9991) + (0.1) (0.0067)		Jalue
Z3 = 1.09968	2,	7
	22	-3
Z4 = (W22) Ch4) + (W82) Ch2)	73	1.09968
= (3.1)(0.9991) + (1.7)(0.0067)	24	3.1086
24 = 3.1086	h	0.9991
	hz	0.0067
$h_1 = 1$ $1 + e^{-2i}$ $h_2 = \frac{1}{1 + e^{-2i}}$ $h_3 = \frac{1}{1 + e^{-2i}}$ $h_4 = \frac{1}{1 + e^{-2i}}$	The state of the s	0.8502
1+e-2   te	Pì Pì	0.9572
$= \frac{1}{1+e^{2}} \qquad [h_{2} = 0.0067] \qquad [te^{-1.00068}]$		
= 0.9091		
P, = 1 = 3   D86		
P2 = 0.9582		