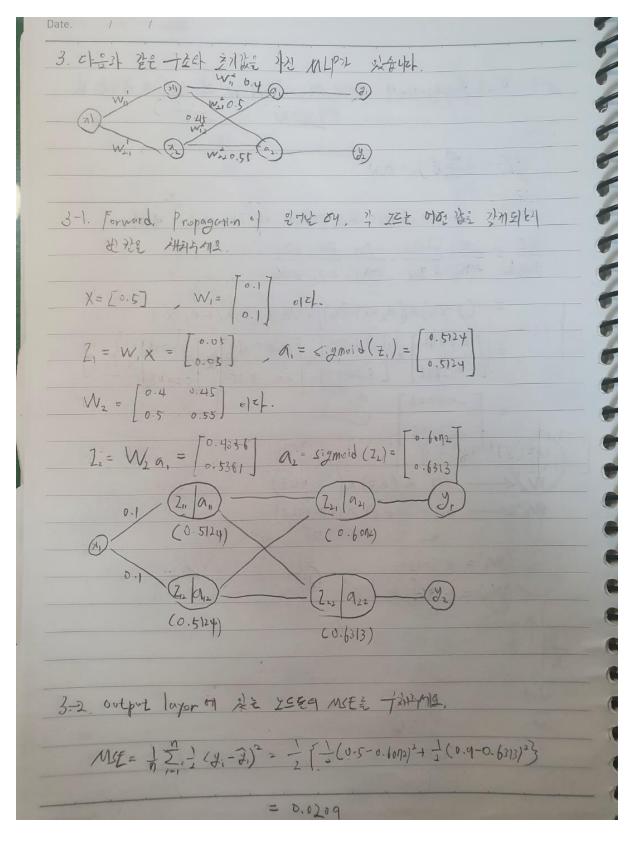
THE REPORT OF THE PROPERTY OF
1. Sigmoid. Function 元 2에 대해 四是.
$\overline{\beta(z)} = \frac{1}{1 + e^{-z}}$
12 - (-6-7)
$\frac{d8}{d2} = \frac{-(-e^{-2})^2}{(1+e^{-2})^2}$
e-2
$(1+e^{-2})^2$
1+e-2 (1-1+e-2)
He-1 /TE)
= 3(1-3)

7					Date. /	
RRRAA		같은 <u>구소의</u> 12일이 있습니다		2/2/	D=0 2 13377	1-7
-9	(h) W2 (7/2) W2		»(V) —	(0,1)	((() () () () () () () () ()	
9999	2-1. 0,04	三 当市社			15-	,
9 9	b=	05 W=			34	
	1 ,	1 1/2	5.	1	Ground Truth	
	0	5	0.5	i		
	0	1	1.5	1	1	
1	1	0	- 0.5	0	0	
20	1	1	. 0.5	1	,	
			A P			
7 -	2-2. Perceptron	刘安一将四	aft de	19 好经	为社 b.W記	1 对四色.
		T 17			1	
-	$b_0 = -0.5$	w= [,]	n=0.5 zf	孙. \	0	
) _ _	① b. ← b. + a W, ← W, + a) x 0 { b	=-0.5	201	ार्ष रेप्यानम्
	W2 (- W2+)	0.5 x (1-0)	x0. w.	= [0.5]	1	
	@ bo to both	0.5 × (6-1)		11)	0	
	w, <- w, +				1	
1	W. <- W.				1	
					। त्राप्त रेग	17/hparunson



3-3 Back Propagation of Zore By Stall Will Win a 2752 3 (T) = 0.5) E = 15 (Jk-02K)2 * X' Element wise product of dot product of 42 DE JE JAZK DZIK DAN DZI DWZ = - (y-a2) x (a2x(1-a2)) . W2 x (a, x C+a1) x x. = [0.1012] X [0.2385] 0.4 .45 (0.2496) X [0.5] W, (-0.0026) N12' < 0.1- (0.5) x (-0.0028) W1 = 0. 10131 ... W12 - 0.10142 ...