

Subject:	Year:	Month:	Date :
Input 2,=0, 2,=1 => y=0, xxv (0)+-	010W9(b) +	0,114 = 0,	DOV SOLODY
W1 = 0, YYV + 0100 (-0100V) XD = 01 YYV			e=0-0100V=-01
WH=01010 + 0100 (-010W)(1) = -01041			
b= 01117 + 0100 (-900V) = 0,111		3	William Committee
			0
Input x=1 xx=0 = = == == == == ==============	1071)(0)+6	1110=0	1 to 2011 to
W1=01xxx +010d (-01x6)(1)=01x10			C=0-01×to=-
WY z -01041 + 0104 (-014 to) (2) 2 -01041	-		
6=0,11x+0,04(-0,1xto)=0,094			and the same of th
1,0-2			
2 april 2,=1 2(x=1 =) \( \hat{y} = 0/1/0 (1) + (-0/0)	(1) (1)+010	94 = 0,1	
W1 = 0/4(0 + 0/00 (0/VAG) (1) = 0/4EA) 4			OTTO R
WY 2-01041 + 010 A (01 V LD) (1) = FO10 1 W	( <sub>Y</sub>	and the second second	e=1-01/fcto
b= 0,097 +0104(01VAA)= (0,18) b			
	1.,	J	
problem, function : step function	. 0.1		21 21 d
b=p, w,=o, y wy=-o, l he	en ining hate	=0100	0 1 -1
I teration 1 Input M=0 2=0 = 01 (0) + (-011)(0) +	01 = 01	Step fine	=   Eror = -1 = -
Input M=0 2,=0 0,5 (0) + (-0/1)			
$W_1 = 0.17 + 0.100 (-1)(0) = 0.17$ $W_1 = -0.11 + 0.100 (-1)(0) = -0.11$			
b = 011 + 010 A (-Y) = 0			
D = 011 + 010 m		stepla	*
Input x = 0 xx=1 d=-1 >0, x(0)+(-	011)(1)+0=	0/1 ->	9=-1 Elor=-1-E-17=
1/ = 0.7 + 0/0D (0)(0) = 0/1			
$W_1 = 0_1 Y + 0_100 (0)(0) = 0_1 Y$ $W_2 = -011 + 0_100 (0)(1) = -011$			
b = 0 + 010 A (0) = 0			
S A B	8 A	17 1 15 10	

Subject: Year Month Input of =1 dr=0 da-1 => 018(1)+ (-011)(0) +0 = 018 = 0 get Ever =-1-1 =- P W1=014 + 010d (-4)(1)=011 WY= -011 + 0100 (-1)(0)= -011 b=0+010A(-Y)=-011 stepforce Input agel arel del => 0,1(1) + (-0,1)(1) + (-0,1) = -0,1 = -0,1 = -0,1 W1= 011 +0100 (1)(1)=011 Wy = - 011 + 010 d (r) (1) = 0 b=-011+010A(Y)=0 Iteration 2 Input 1 =0 2=0 d=-1 => 0/4 (0) +0(0) +0=0 > 9-1 E/0/=-1-1=-W, = 0,1 + 0,00 (-1)(0) = 0,1 WY = 0 + 0100(4) (0) = 0 b. 0 +0100(-r) =.0,1 Input a = 0 2/-1 d=-1 = 0/x(0) + 0(1)+(-0/1) = 0 Input a= 1 x = 0 d=-1 = 0,1(1) + 0(0) + (-0,1) = 0,1 = 1 From =-1 W1 = 01 + 010 D(-Y)(1)=011 W120 10100 (-1/10)20 b= 0 + 0100 (-Y) = -011 Input RISI DISI d=+1 => 011(1)+0(1)+(-017)=-011=) =-01= Fror=1-(-1)= W1 = 0,1(1) + 0,00 (4)(1) = 0,1 CY CH WI & G WY W++10 + 0,00 (1)(1) = 011

Gli bias

D= -018 + 0/00/11/(1) = -0/1

Subject:	Year:	Month:	Date :
Problem 2 your -	دور مدلومان عام	ا برون ماهش	برای سله و کرین در
ى د انىم از دىن رولس استاده كىنى:		1	The state of the s
را اعترها بر ام ی سی راما از آن ماره	بالقراد لودها را لم أن	المانع: م	ا- تعاد نود عای لایم انی
Olf of Ily loster dimes a la Him	٠١مام م مامام م	ع نیز ن طبی یا ب	مان ال دوس ما
	, 000	206674C)	تعراد لا مرهای معنی را ۲۲
ر برای مستر ما بد لا بر تون لای این اد	اد یا راد ا ما می سرد	ا دلوسی اله ها کی	الم كاهش بعداد الم ها: ال
	ينارن -	الم المرافع	تعاوم وداده فاي ما در دسا
می اسم ماست ( px A ) مارچری های اصلی اعبای	الم مرسى العاد السناده	مي رانم از تلبا	الم من تعراد ورودي فا:
			راحفظ لنبيء كالمرافا
Lang Reluce Relu in le dons	المركب المركب المركبال	مار 2 میران درای	we a thing to the
			المناده لي
The Lagranian	Hela Grandin	40-1-1	: در نکسی در ا
LoakyReLUL ReLU:	Juliyof VAF	وردي برماي	المم وربودى: مثل ٥٥٠ ل
			الله مخي المدلامي با
	SABA_	عدای دسته سری	3,97,30'. 69,7,0

The state of the s	Year:	Month:	Date:
Oroblem 3 x1= exto ar=	4	. 1	1 1 lection 6
Oroblem 3 XI = e/rd ar=	e,9 y(	d) = 0 / h)	b=   raining
act fun: signoid , ww = 0,1 , with		***************************************	d to
act fun: Sigmoid , ww = p,1 , wit	=0/t, W	Lh to Whit	= 0/7 , WM = 0/1 , W
current outros	1		sigmoid (4)
current output: Hr = 0/1(0/40)	7 0/1/0/9	1) + 1 = 1, 0	(1)0
			and the same of th
PF= 0/f (0/10) + 0/4(0/9) + 1 = 1/4/	OIVE	W1 116-10	( 10 ) ( Lie ( 20 7 )
		,	311.
a = 0,1 (0,1 AYY) + 0,9 (0,1 FT) + 1 = 1,01 ya (1-ya) = min y - ya y - ya	tav sigmoid	6(ya)=19	MAYE
4- (1-4a) = men 4- 4	ya(	1-40)	and the second
morcy = (y-y 1x6 cy) = [010-011	MAT XOLAN	1h (1-01VV	11)=-010191
Jan			
ack propagte Error to He , He	Ju= Jx Wn	x o (hw)	
	, a		
Hr. 6(hr)=4, (1-9,1) = 0,1ATYX(1-0,1ATY	41 = 0, 1YDY H	Sidow = - and	4V/2 2 - 1744
The chart of the contract of the chart	and the same of th	700	-01001
1 ' K(HE) - U / 1 - U / 2 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0	- France	wall-1 - 9 -	
1:6(H)=y(1-y)=0/Atrx(1-0/Atr)=0,1846	=) L Y Y O Y = -	0/01 TV X 9, 1	x 0 (11 1 = -0 (00 f
update the weights: Wijzwij + Dx.	5 . h		
opune magnis. Wyzwy	O., A.K.4		
WEG = 0,8+ 1 (-0,089V) ×0,11017-0,1744			
FA=0/1+ 1(-0/049V) x 0/1/44 = 0/1/44			
(A = 0/1 + 1 = 0/01 = 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /			
( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )			
VIE = 911 +1 (-0,001d) x0, MA = 0,099			
11-010+1 (-0,0010) x 0,9 = 9,1491			
x = 201 4 1 (-0100 tv) x 0, 12 2 9, 191			
YF 29,7, 1 (-0100 FV ) X 914 2 01090			
- 1 1 1 1			
Ena of Inoch I			
End of epoch 1	A		

Subject : Year : Month : Date :	_
Epoch 2: calculate the weighted sum.	15
Hr=0,099 x 0, +0 + 0, v91 x 0,9 + 1 = 1, VAT sigmoid  H1=0, 491 x 0,40 + 0, v91 x 0,9 + 1 = 1, 4VA sigmoid  y=6(hr)=0,116	
00=0, xxx x0/Aax +0/A4x x0/Axt +1=1,9ax sigmoid y=6(hw=0,AV4	
Calculate the Error Od:	
6 (00) = 01 NV4 x (1-01N4) = 0,101 Error => (0.1 - NV4)	
Isack propagte the Error to Hay a Hs	
δ+ = -01 ξοΛ × 01 ΚΥΥ × 01 ΚΥΚ = -0100 ξε	
uplate the weights	-
Wrd: 01848 + 1 (-010ton) (01NAX) = 01881	
WED: 011441(-010801)(01144)=01141	
Wir: 01099 + 1 (-010012) (0120) = 91091	
WIT: 01/41 + ( (-010018) (0/4) = 01/41	
WHY: 91 191 + 1 (-010081) 614d) = 01 494 WHY: 91 UAD + 1 (-010081) (9,9) = 01 091	
S A B A	