	CLASSTEAM® Page No.
	Resitable Kyman Ranjon 2017086 Date 1
	191 Assignment - 3
	Pro Aller of the second of the
3.	No. We cannot model the XOR found table using any
	number of linear a chivatius functions. This is becaus, XOR
	data samples are not linearly-reparable:-
	the second secon
	0 -0
	$0 \rightarrow 0$
-	and mother with ask as
	Say marked 1
100° E	
51005	Let us take multiple layors with only liners actuation function
	as the action from the lived towers
	as the activation function. For the first layer!
	output = WTX+b, X are the is the input weaton,
	-x (Frank + E.w. v + E.w. v) a.
	For the inval law (trut hidden lawn)
12.0	To the road of the same of the
ı'	out put = \(\Subject \tau \); (wt x+b)
	Input -
	of the man want out half .
	is iron restricted a something the state with
	Like tho well have multiple control
	find hodelon loyer like CPTOT:
	U -

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	Ois with	_
97	The The New Latter Now all a the Mind of the	
7 = 1	In the second hidden laying the output well to	2.*
	0= \(\int (\int (\int \)) \) where so v are the	
	of 2 of the formion	
	Day arong la	
·	connection from los	
	hidden Payer 2.	
for the -	0= Ng (Dwyx +by) + Vp (Wo) x+b) and in bol	
	4. Vn (wn T x + b) + b	
	Low hair who strate our value is highers	į
	$= (V_1 \omega_1 T_1 V_1 \omega_2 T_2 \dots V_n \omega_n T) \chi$	
	+ (V1 by + Y2 bx + = 1 1 1 1 1 2 bx + b)	Sele
	too the, we can expoen weight as-	-
	tricks)	
- 1	(V,W,+W,: Vnb, wn)	
	And the new bias as : V, b, + V, b, +. Vabatb.	
	And the your bing of the	
	Man la della and a linear charation for a	
	In more that will meather se book de Colon	
9.	Henry We still got a linear clanifier for a incorrey classes that is not linearly separates	

	_	to the transfer of
L	1.	There are the component of the dup CMBUS
		The state of the s
	- 19/	i) Conviction Layer ! This layer works on the import
	2	doto to externit warrow features.
		by wire Knnely. This kennel os hour in sub
		that It extracts the relevant the trive Court
	V	mas mase Man
		Such kennels can be used to general warrow to types
		of later flature motions the control the size of
		which defends on the vide
	-	
-		ii) Activation Layor. ! Generally to set Rehu adjustin function To used because it programmes the
		To used because it progener the
		value (magnitude a) the feature.
Je	1	
W. Va. J. Land	4	111) Pauline layor: Consolla mor 1.
	Parties .	111) Pouling layor: Generally may lawrege pooling are used. This uses a knowl with a dep.
12 T		defined on read. How mux-pooling solids
		the first value from the withing how all the
	-	only revenuent output & thoroby no during the
	F-1,	only revenumt output & thoroly reducing the a chronion of the input. We use hedeling of for striply
-		Los traised
		id Fully connected layor! It is line MLP. CMultilayer for
94°		porcephen). In this layer every
		hot upland. In this layer twoy node on the left is connocled to every node in the
		signa.
	= 20°	
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	techniques because of propos unlike in MLP, the newrong
No Com	Also, the outputs are affected only by a & small
Est in	col Kernels. Lon
- 231	oudendoncy doo ! hayon may introduce some
8	us with his place with a visit one product of the form