

Scanned by CamScanner

parity	~"or d	· Lad (15 1.1 perceptron el 151)
	. 3-	features simples 40 ipt 150
	: pereption	ما دوارخ کودم کرد عدد مادی اه
X_1 X_2 X_3	f	
0 0 0	1	p b, b, b, b, -e -//
0 0 1	0	perception -> le tipeni
0 1 0	0	0-01 features : while st
0 (1	1	pereptron: Wis three hold - 1/2
1 0 0	0	parity - 'Alto L Plan
	1	: 25 rgn 45-36 -1/1125 1/k
	1	
	1 0	
(1) X,	X o X	$ U_1X_1+W_2X_2+W_3X_3=0 \Rightarrow 0>0$
		(3=1=) W, X, +V, X2+ V3 X3 = V3 =) W3<0 (0=1=) ((X + W X +V3X= () =) W2<0
(3) X, =		$X_{3} = 0 \Rightarrow V_{1} X_{1} + V_{1} X_{2} + V_{3} X_{3} = U_{2} \Rightarrow U_{2} < 0$ $X_{3} = 1 \Rightarrow V_{1} X_{1} + U_{2} X_{2} + V_{3} Y_{3} \cdot U_{4} + U_{3} \Rightarrow U_{2} + U_{3} > 0$
(y) X,=		\(\frac{1}{2}\infty\) \(\frac{1}{1}\infty\) \(\frac{1}\infty\) \(\frac{1}{1}\infty\) \(\frac{1}\infty\) \(\frac{1}\in\) \(\frac{1}\infty\) \(\frac
(o) X ₁ =1	Y2=0	Y3=1= W1X1+W1X2+W1X3= W1+W3= W1+W3>0
(6) X ₁ = 1	X:0	$Y_3 - 0 = 0$ $(X_1 + U_2 \times_2 + U_3 \times_3 = U_1 + U_2 =)$ $(X_1 + U_2 \times_2 + U_3 \times_3 = U_1 + U_2 =)$
(7) X ₁ =1	Y ₂ =1	Y3 > 1 => (1X, + 1/2 X+ 1/2 Y2 =) (1+1/2+1/2 =)
(a) V;	^)	31' ((1) 31) Isle & -0 1130 20 90)
12 2 2	W, W	(\(\sigma \) \(
((c) (2) (1)	(4) 1000	te 131' Tie 1) ~ V1, W2, V3 e 1"'s
	1 1 L	+ W3 > 0 -1 An First 125' 0't
1 / W2 + W3 \ W		A second
inst early	.3419 71	SMIL P. A terreption To pel 30000 .
canned by CamScanner		3-fortures por input

Scanned by CamScanner