vodings distribution

dy

عنى عند و تران دستمنى درسة را مل ورد مرع نديم درستال بين المري و ترفيا من المري المر

b) wy. n inis

1. It has the uniform conv. property with sumple completely

C/ drus(=) < m (E,8) < C/ drus(=)

Y. Wisagnistic PAC learnable with sample complete

C, dring(5) (my (E,8) (C, d+10)(6)

K. H is pac learnable wirn complexity

4 7+ 10/18) EMMEIS) (E 410/18) +10/13

درستاست مهد وستدی نیزی امام رین شد کان این ست در بی و کان ۱ع را حربی شد و این باعث ی شرد

كر راع بمنونه سان الالعاى بست كورم.

PETIONARY, IMI LOS / O X R IN / CENTRO / S = (X,y)

A1 Co(ht)=0 -> PAC Learnable: Co(h) { E

A. pAc 4: Lo(h) << bo(h) +8= 8

- Ting A. PAC i Giorna in PAC

At colab 4.8 (. Tropicone) mg(E,8) < mg(E,8) < \frac{\sqrt{\sqrt{\tau}}}{\xeta}

B, Lo(h)=Lo(h1-Lo(h1) { &

By 4.3 in (" The There one)

By A, " " [2) = W (E,S) { [100 (1 14 1/2)] }

BE 200 のいいり こいかいできない

C1 = 1xp(1)+0xp(0)=7x=p(1)=>p(0)+p(1)=1

$$L_{D(h)} = E(l(h(x,y)) = 0 \times p(h(x)=y) + 1 \times p(h(x)\pm y)$$

$$= p(h(x)\pm y)$$

$$\Rightarrow p(f(x)xy) = \begin{cases} p(y=1/x) < 0.00 & f(x)=0 \\ p(y=0/x) < 0.00 & f(x)=1 \end{cases} = min(p(y=1/x) \cdot p(y=0/x))$$

$$-E(L_{S}(N)) = E(L_{S}(N)) = L_{D}(N) = L_{D}(N)$$

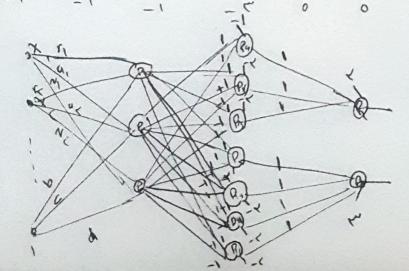
$$= \sum_{M} E(0) = E(0) = L_{D}(N)$$

$$S = Sgn(r^{T}x+b) + Sgn(u^{T}x+c) + Sgn(v^{T}x+d)$$

$$P_{t}$$

$$P_{t}$$

P,	Px	Pr	sum	PE	Pa	Pu Pr Pr
1	ì	1	r	1	1	- P5 = P7R+P, PR+PRP
-1	1	1	1	1	0	
١	-1	1	1	-	0	- B = PiPcPc+P'Pc'Pc+P'PcPc'
-1	-1	1	- 1	۵	1	Pic I
1	1	-1	1	1	٥	+ P, PC PE
-1	1	- 1	- 1	۵	1	
1	-1	-1	- 1	0	i	
-1	1					



B4.1

H we family set,

A, E A ~ H V M, = M ~ 1HV M, = 1H, 1 = 1, 1H, 1

(WE A) his varied by M (h' & H' = h' & H) - vedin(h') (vedin(h))

(h' & A) his varied instanced his sand (it is h')