

	call In S EinC		iple =	Tra 1	in ing			Jn	=	90	_Xn					
	Test			Pr(	- <del>)</del>	#	g(	X								
Ein ( If but	(h) ( h ( h (	X1	end),	so ha ha(	nh (·	h()	) th Xn		gh	,X1	×	2.				
£xc N		Xn)		h_(	XN											
N		3	)	d	=	2 H {	= h <sub>1</sub> (	{ [X <sub>1</sub>	hı ),	)	,	, h,(	hn X3			
						{	h <sub>n</sub> (	$X_1$	),		)	h <sub>M</sub> (	$[\chi_3]$	)}		

God							
Pr ( E h 5n(h) distinct	in(h) —	Eart (h	>	٤) -			
Pr ( E h: Distinct Dichotomy Vi		Eart (h	) >	(ع			
# of disting $2^3 = 8$		tomy ve	ectors	Ì			
Dichotomy	Set						
	$(X_1)$	) h(X2	),	, h(	$\chi_{\nu}$ ):	h e	H 3
H(X1,,X	(N) <	<u>→</u>					
Definition: H Shatters X	typothesi.	s Class	H H(Xi	,XN	) =	<u></u>	
That is H ca	n attain	all dich	notomy.	vector	on $X_1$	) -·· ) Xr	0

H.	imple = set = sig Wb, U = = = Xi  (++t)	of all	Va Va	ear Jix IR	clas	ifie Wz + + +	r in (x2)	2) + - + -				+ +	+ - +			
	$ \begin{array}{c} J_1 \\ J_2 = \\ J_3 \end{array} $	' '	X10 X10	(2)	X2 X2 X2	(1) (2) (3)		(Wo (W) (W)	-							
Con	clusio stralgl	nt lin	will esu XI	5th	ct-	the	X1)	X2, trix	( X3	un	ESS	the	y li	e ov	<u> </u>	
			$\times_1$	(2) (3)	Xx	(2) (3)_	-	Ts	Not	In	erti	ble				

	- +		= 2 Ilussis			n(	Ws	+	Wı	Xı t	-W <u>-</u>	2X2		
H()	Vi,	Xn) ots	= hate	K	Xı	)	X	) /	EX	)	X4			