COLT 74 Marline rounny Sep 24,2021

		'	•		
hast (	clen:	Support	Valm	Machine	
		Acsw	.phm: do	/g WTW (WT)14 b)  4 funct you to 15 fin	ind rpm
чи					
J.	122 0=21	- 1/2 £ à	yhi)	(3) y (1) y (3)	W= 20/1/4/1/4/1/4/1/4/1/4/1/4/1/4/4/4/4/4/4/
		·		b=-1/2	Who willy
Handurg	nzian	Lim the a	data)	121	+ max WT2141)
v, '		大车车	;-	dota is no separation	of linearly er
Syns Jus	Sum	LAW I	yperproventation	Thowy Co	ossifier malty lloss slack
Hoay shuz	5 W, 3/			i=L	Stack

1 C- Shin > Hourd Shin A side. + 2 dif 1- yh [whih + b] 2 (W, b, a, x) 2, x men 2, x w, b, de d, x >0 Dhal! \$ 1/w, 59, 6/2 Tw L (W,b,d,4e)=0 74 L L W, 3,2, 6)

Solver (HW) W= 201967267 Additional constraint (visia-uns Hard SUMS)  $d_i \geq 0$ 0 £ Yi £ C Complementy Stockness: di ( 1 - yw/wrx4) = 0 mi (- wi) =0  $\Rightarrow V_1 = C \Rightarrow (u_1 = 0)$   $y(1)(w(x))(+5) \ge 1$ 2= = 1-yas/wrx43-45-4==0 >> y(い(w「xいたら)=1~4·  $\Rightarrow \frac{\langle u \rangle^{-0}}{y^{40}/w^{5}x^{4}} = 1$ 

- 1/2 2 didjy 1/90 x 4,150 0 < 2; < 0 Box combraint Use SMO (Sequebal Minimal Ophnishm) algother to selve Non-Linear Syms:

Jest Class