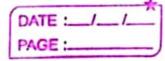


		PAG	E:_/_/_		
1	In	linear eq" we try to me	ni mrze		
	m, c = any min { [ (4: - (mx; + c)2)				
		f(m,c) = [ (d: - (m x + c))			
	to perform this f(m, c) with very fact				
	tradius computation use use gradient				
	decend descent method				
	1	: minima Right side			
		· minima lest side: 3			
	7	. As you move toward	h minima		
		-> 3 lope reduce			
		many yours on any from	menera		
		4 slope inversesser			
	30	ain G-P. :-	1		
	Pri	K @ random an	/~		
•	+	tralpoint = Xie	2.		
اد ح		k another 2011, such that			
	Z;	+1 is closer to x*			
	60	x;+1 = (+)x; - (+ve) for the x;			
	x:+1 = (-) 2: - (-ve), for +ve x:				
		Zi [serpe] zi			
<u> </u>	37	~	1 1		
	7	$a_{i}+1 = a_{i}-g_{i}\left[d_{x}\right]$ $d_{x}$	learning rate		
7	Ten	minate + slope = 0 in			
		green in . 1+xx - xx	very slow		
			<b>V</b>		
1 7 1 1 C C C C C C C C C C C C C C C C	1000				



-			
	In linear region	scion Sum of	square evrons
7	m, c, = and	min 3 8 (m.	()}
		= ( ) (m) )=	E(4:(mx+1))2
7	pick in tral -	mip as =0	
	20142 = 301 - 2	1787	ne. 11
		Jam_mi	-, 2 (dom)
1	C1+1 = C1 - H	T2+7	-: > (dom) = d (dufferallish
T		10070	7.00
	should assume us	he of or = 0.	001
	[36]	2 / 1 / 10- (10)	x. +()). *(-x.)
4-13	[3] mi - Vmt =	N Sill	
- 1 +	to write trace state in	2.1. 117 .	
111	V_[=1 5 .( 4	8;-(m x; +c) *	(-1
	N TEI	gar en en	
21	So, N	41_1	1
	Vmg = 2 > 3	(7:-4;) * (-	-x;)} ~~mx;+c=y
e	10 15 1		
		of alteres	10 YEAR 180
		5/-	
_	to	at dans his i	1000 1116
_		A 18 1000	
_		- 18 -	
_	max more cal	34-7 - 10 (2) 3	1
_			
_			12 3 37
A sh	TO THE STATE OF TH	5/ /	1 F - 3.
	그 집 전 시민 사람들은 경기를 받는다.	St.	