WIF X S.L. X = 103 x	No.
	Date / /
method: Initially, put, xo Elo, =1, Xn+1 = Eps Xn.	
1" 7 and!: Intuition.	
of x= usx Analitically, fix = X- losx / fix=1-	Sinx & O
on (0, 3) =) text is increasing , 10) = -1, 12/= 2.	070
on $(0,\frac{\pi}{2}) = )$ fix is increasing $(-1,0) = -1$ , $(\frac{\pi}{2}) = \frac{\pi}{2}$ .	Since
fix) 1 => X* is unique.	
1 1 2 North 1	
7 1 D 1	1
2" Robust of method: WT1:   (VIX - X*   *   X - X*	1.41
Prof: Suppose 7 X ( (0, 2) L1.   [1/1 x - x + ] 7   x -	χ+
=> 1 (1)x - (1)x*1 7, by Laglage mean-vol	ne Th.,
\(\lambda - \times \rangle \rangle \tag{\tag{\tag{\tag{\tag{\tag{\tag{	
=> \\ \( \( \tau \) \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	h is sinez
Lontradict to the domaine of sinx, x t (v, =) => )	141x-x+ 1 x 1x-x+
TOTAL THE MANAGE OF SINA ( AS COLUMN )	7
M	2 00 0
More precisely, thouse 10, = - E) s.t. sin(= - E) =	· · · · · · · · · · · · · · · · · · ·
Xn=1 - Xx =   (v)x = - (v)x =   Sin(3)   Xn - x =	
-/  Xn-x* < 0.999"  X0-x*) => n++ 0 Xn	-7 x t
In graph:	
X° a	0.73
	,