Solve the following non-linear equation. x cosx - 2x2+3x-1=0: 0.2 ≤ x ≤ 03
x cosx - 2x2+3x-1=0: 0.25x403
Sol:-
$f(x) = x \cos x - 2x^2 + 3x - 1$
+(xn) = x (osx - 2x2 + 3xn -)
f(xn) = (oskn - xh Sipxn - 4xn +3
Let n=0
$\chi_1 = \chi_0 - f(\chi_0)$
$f'(x_6)$
$\lambda_{i} = 0.2$
$x_1 = 0.2 - (0.28399)$
(3.14033)
= 0.2 + 0.0.9043
$= 0.29043 \cdot 0.000$
Let
The state of the s
f(m)
n = (0.29043) + (0.29043)
f'(039043)
0.29043 (-0.01914)
7.71323

= 0.29043+0.00705		Number (Stranger of the Stranger of the Strang
= 0.29748 .	aud z obrinne word die fewatoring in dies ander were genacht ein der derendere in einstelle bekeinte, ein	Solukusia, phononor o provincia visi mantos e comendo e applicare o vise gaptinia. CER
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Stop when f(x) will start become	O. O. O. P.	Zn+1 wil
be repeating.	orning of the second and the second of the s	
Exercise set 2.3 Q5,6,		<u> </u>
Crevaise set 2.3 45,0,	F7 ().	desired establishment with Calmin distributions (ICTL) and IS LOAD Consideration (ICTL).
		auch gereinen deutschen der eine vonstelle der Zeiteren des gestellte zur Zich freis erst Aufrich sinden aberon
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