(a) f(x) = -0.9x° +1.7x +2.5
PRESCRIPTION STATES OF A TOTAL STATES
Xo=5, ea= 0.001, moxiter=5
dex
Itración O :(n=0)
$x_1 = x_0 - f(x_0)$
x1=10 f:(Xo)
FI PERSON - 1
= X00.9x° + 1.7x +25
(-1.8×+)1.7
= 5 - (-0.9(5)° + 1.7(5)+3.5
-1.8(5) + 1.7 / X
1 1514 (S. 1129)
. = 3.42
10000
Iteración 1: (n=1)
$x_{2} = x_{1} - \frac{f(x)}{f(x)}$
f'(x,)
- To make the same to the same
$= x_10.9x^3 + 1.7x + 2.5$
-1.8× +1.7
Scribe
SOI INC.

X>:	3.42 -	1-0.913	3.42) 7.1+ (64.6)
	Par	-1.	8 (3,42) +1.7
-	2,93		
			Bert O May 4
Iterac	ón 2: n=	c =	
			/ - / -3 -/ - >
X3 =	$\frac{(ex)^{\dagger}}{f(x)}$	= 2.93	(cp.c) F.1 + (cp.c) p. 0-) -
	((()		-1.8(2 12) -1.7
100=	2.86	2.8611	4514
Iteracio	5n 3: n=3		
Vu - 1	(cv)2v	- 200 - 1	100 (000)2 117(000)
77=	f'(x3)	= 4.06	+ (38.6) +1.7 (2.86) +1.7 F.1+ (28.6) 8.1-
			1.00 - 00) 71, 7
= 2.8	6	2.8601	
La rai	z es: 2.8	6	AL XXX
	1 5 5 1		