Problema 1

1. Sea el sig	pallaamia					
		5x ² + 2.5 x +	4,5	q = -0.5	6=25	C=H.5
· Determinar X = -2.5 t	formula	ehicharton (1-0.5) (4.5)			+ 162-H	
x = -2.5 ± J			4 (3)4)			
X= -2.5 ± 1	1					
$X_1 = -2.5 + \sqrt{0}$		+ 3.90512	= 1.40512	= -	1, 40512	
· Metodo B	1 100	-1	-4			2
		40512	ARR PRO			
X1 = 5 fx1 = -0.5(5) ² +	2,5(5)+4	4.5 = -12.5	Xu=7 1-12.5 +	4.5=	4,5	
xu =-0.5 (7)2	17,5(7) 4	4,5 = -74,5	1 17.5 +	4.5 =	-7.5	
Xr = XI + Xz	1/2 = 5.		1 6			old ni
×1=-0.5(6)		+4.5 = -1 +xr = +	8 + 15 +	4,5 =	1,5	
	C	. + x = -				

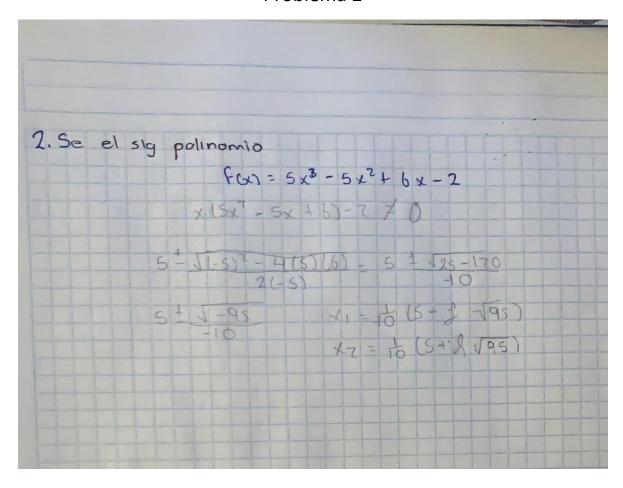
Arregun Campos Bryan Gustava I agrand a part X 1= X V # 1 = 6 F = VX 100-1054 FX B G X + 14 E fx1=1.5 FXU = -2.5 Xr = 6 + 7/2 = 6.5 +xr = -0.5 (6.5) + 2.5 (6.5) + 4.5 = -21.125 + 16.25 + 4.5 = -0.375 tx1 . tx1 = negotivo si hay raiz FXV . FXT = positivo no hay raiz Fx = 1.5 Fx = -0.375 xr=6.5+6/2 = 12.5/2 = 6.25 fxr = - 0.5 (6.25) 4 7.5 (6.25) 4 4.5 = 0.593 75 Fx1 · Fx x = positivo no hay roiz (xv + (xr = negotive is hay raiz XU= 6.50 | FXU = 0.59375 XT= 1.75 + 6,50/2 = 6.39 C FX1 = -0.5 (6.375) 2 + 2.5 (6.395) + 4.5 = 0.1171875 Fxr. fx1 = negativo : s hay raiz FXT . FXV = positivo i. oo hoy taiz

-				1			0				3_1	0,00) ~			CEL	16	91	
Falso	a po	Stele	50	6	DOL					T	-		TH	-					
	X1=				-1	. 50	34	017		-		1	T						
0			9							L'S									
-	0,5															5			
FX1 =	= -0.	51-7	1)4	1 2	.5 (-2)	+4	15	2 -	7-5	1	4,5	E-	2.5					
		FXI	0	TX) =	ne	gcAi	40	-	51	6	ay	Fai	2					
XT=>	LU-F	(JXL)	(x	1 -	XU)	7	1		(1,	5)(11-	(1)	1	-	1,5	1	-	0.3	75
Diam'r.															-4			37	
FX ==	0.5 (-	1.37	5)7	12	15 (1.3	375	14	4,5	=0	1	17	87	5			1.	213	2
		10	fx1	•	fx	=	ne	907	100	1		si	has	1	rali	2			
					FX	- O.B	200						ha						
XU=-	1,375		10		0,									9					
X1=-			-		113		9-	100	11	10	10	-	100	1	11/1				
			1171				1 0	70			1.2								
Xr=-	1.515	-0.	-	7.9	5(-2	11	318	75		0.	117	187	-16 31 F	0.6	25)	-	1.B	517	014
FXT=-	0.51-1	.34	701	491	41573	+ 5	2.5	(+1,	341	7014						78	23	18-	2
			XT										hay				UN	0	
								107											
	101		1000	2000	FX					0		no	hay		013				
XU=		0	1 tx	0 =	0.7	25	438	308	3	18									
X1 = -2	20		(-x		-7			1					46						
X1 =- 1	1.8470	1	1.22	5738	308	3) (-	7(-	10	347	0)_	-	1.4	100	96	97	68			
					-0.							X		100					
41 =-	-0.5[-	1.40										76	841	LS	=0	101	62	17	43
			1×	50	. F	1	1.1	he	top	DIK.			91	V	AY I	1			

Arregun Compos Bryan Gustavo

xv=-1,4009,69768	FXV = 0.016217434	porter see
X1 = -7	FX1 = -7.5	
Xr = -2.400969788 - 0.	0162174341-2-1-1.400969 -7.5-0.016717434	768)
+r1	404830616	
fx = -0.5(-1.4048306	16)7 + 7,5 (-1.404830616) +	4,5 =
=0.001		
FX 1 .	FX = negativo : si	hay raiz
Xn=1.40H830F1P	Fxv = 0.00114893	
	fx1 = -7.5	
Xr=-1. HO4830616 - 9	-7.50 114893 -0.5951693 84	4)
WWW. E. C. S. S. S. S. E.	-1,405104014	II.O. Alean III
	TAR TO BE THE PORT OF THE PORT	Ave a
	145 17,5(-1,405/040/4)	+418 7
	0,000081319	
	fx1 = negotivo 12 31 1	
75	fxv = positivo no	hay THIT
	2.5	
34 80 7 3 7 5 5		A) DEPT.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200.1 10.0
	1000 1000 1000	
Norma	THE PERSON NAMED IN	

Problema 2



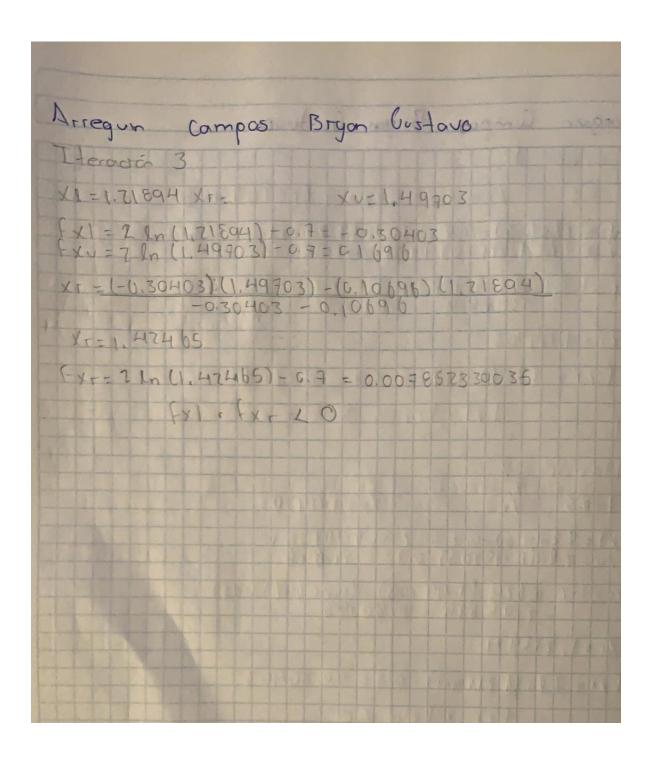
Problema 3

s. Sea 1	a función				buscali	111
			(xc) =0	. F.		
Anglitican	mente la	LOUS				
In (x?)	= 0.7 - 0.7 - 0.7		¥7 =-	Je0.7		
	1,41906764	198	47 = .	1.419	0695491	
Bisecci	ión					
B. I. I. A.	1(47)-0.7	XI	- 0.5	XU =	2	
FXI= l FXI= I	n (105)2)	0.7-	2.08	629436		
Fxu-F	x1 1.1	431817	055 4	0 5	bay r	aiz
X1 = X1	+ x v / Z =	0.5 +7	= 2	5 = 1	.25	
FXT = S	ln (11.25)2)-0.7	=-0.25	FP351FE	4	
Ex] =	-7.081791 C.753717	1361	(x	r. Fxc	40	

Arreguin Campos Bryon Custovo I teración I X1 = 1,25 (1.25)²) -07 = -0.7537178974 (1.675)²) -0.7 = 6.7710196316 (7)) -0.7 = 0.6867943611 FXT = FX 1 KO DA 1.625 -1.25 = 0.7307697308 1.625 Ideada 25 11.625 = 1,4375 Fx1 = 0n (11, 75) 7) - 0.7 = -0.253 + 1789 Fxr = 0n (11, 4375) 7) + 0.7 = 0.07581098 Fxu = 0n (11, 628) 7) - 0.7 = 0.77101563 txr 1 Cxu Z 1,4375 - 1,675 111395 1 20.13043478

Arreguin Compos Bryon Oustavo	
Herado 3	
XI = 1.41375 XI = XU=1.625	
Xr = X1 + X0 = 1.53175	
[x1 = 10(1.14375)] + 0.7 = 0.07581098	
tx = [n1(1.53175)]-0.7-0.1571(6.79)	
$f_{yy} = ln((1, 675)^{7}) - 0.7 = 0.77101563$	
Falsa posición	
fix = In(x2) = 0.9 X1=0.5 XU=Z	
FIX) = 29n &) - 0.7=0	
FXI = 2 ln (0.5) - 0.7 = -7.0 € 07 94361 FXV = 2 ln (2) - 0.7 = 0.6 € 67943611	
[x1. fxu=-1, 431812056 40 st hay raiz	
XF = (-2.08/12041261)(2)-(0.6662943611)(0.5)	
-7.0E6294361-0 0E07943611	
Xr=1.678707448	
121 = 2 9n (1.178707448) - 0.7 = 0.7755734471	1
F X1 . F X F Z O	

Theración	11 11 11 11 11 11 11 11 11 11 11 11 11
X1=0,5	X1= 1
Fx1 = 200	(0.5) + 0.7 = -7.086794361 (1.678707448) + 0.7-0.7755734491
Vr = 1-7.	8 670) (F22F5, 0) - (0 F354) (0.5) -7.02 F5.0 - P5880.5-
X1=1.4	9703
Fxr=	29n (1,49703)-0,7 = 0,10696
Thoodó	2
x1-05	X1= XU=1,H9703
Fx1=2ln (xv=7ln	(1.40703)-0.7=0.80696
xt-(+2.0	= 679)(1.49703) - (0.80096) (0.5) 7,08679 - 0.80696
X = 1, 721	89 म
Fxs = 20	1.21804) -0.7= -0.30403
	FXF · FX J LO



Problema 4

4. Sea la función										
	X.3.5	- 80								
		- 00								
Forma analltica										
(X3/2 = 80					14					
18X7 x = (60)										
71x4 = 6400										
X = 3,4973 6			1						1	
Forma Grafica					1					
Torma Orafica										
Н										
3										
				-						
7				H						
1										
-1 -1 -1	-7 -	-3 -1		-		-				
					+					
7				1						
1				1	1		+			
the state of the s								-		

Biseculá			
X3.5 - 80	=0 = fx12 - 80=1	0 = f Jx7 -	80 = 0
x) =	1	Xv=3	2 100 100
EXT3(1) 7	- 60 = -79		
Fyu = 1(3)	- 80 = -33.23		
	Fx1. F40 = 1	positivo : no	hay raiz
	no existe biseno	ión ni folsa	postelón
			by fort sadd