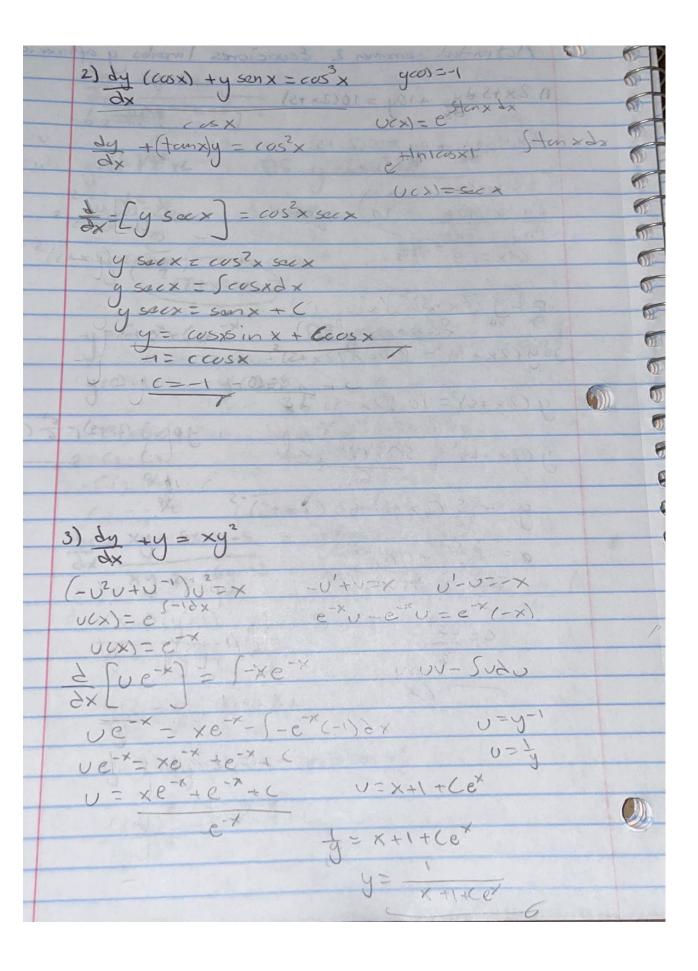
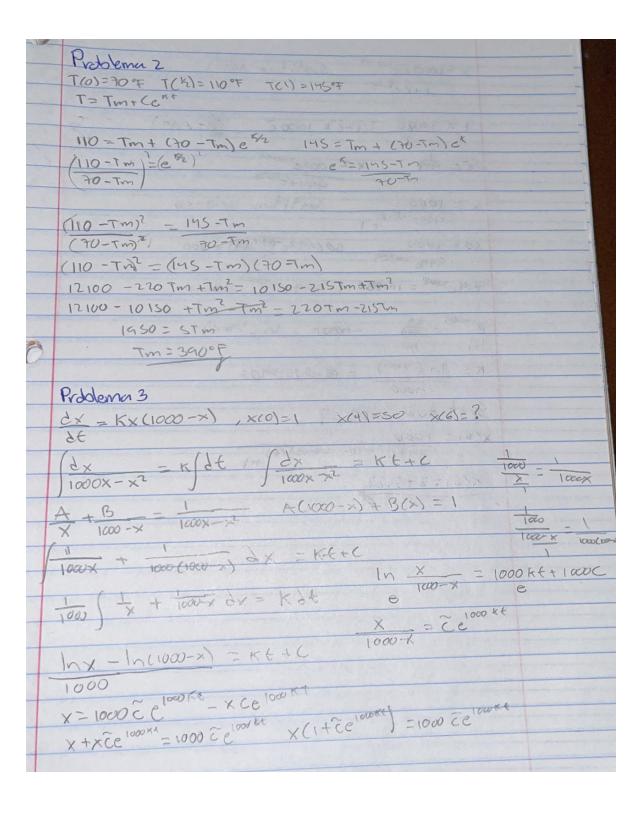
ACTIVIDAD SEMANA 2: ECUACIONES LINEALES Y APLICACIONES

Actividad semana 2: Ecuación	es lineales y aplicacions
D2 ()	ut Good Po (3)
1) 2x+5 dy +10y = 10(2x+5)	V. 1 × 5 × 600
	5 10 2x+5 dx
2x+5 dy +10y =10(2x+s)	U=2×+5
Tana and a same and a same	$\frac{5}{10} \left(\frac{3\times 1}{9\times} \right) = 59\times$
2×+5	s In 2xxs
19 + 109 - 10) yco=0	e sin 2xis
6x 2x+c	6 5
$\frac{1}{\sqrt{3}} + \frac{10y}{2x+c} = 10$	V(x)=(2x+5)
F	2x+5)5
2 [y (2x+5)5)	
The state of the s	The state of the s
Sty (2x+5) = 510dx (2x+5)5	This year to the same of the s
	41-14-14-14-14
y (2x+s) = 10 5(2x+s) 3dx	37
	yp= = (2x+s) - = (2x+s)-5
y (2x+5) = 3(2x+5) = +C	
g = 5(2×+5)+c(2×+5)	5
6	3) do an an exe
x = \frac{5}{6}(5) + \langle (1) - 5	3) dy + 4 = xy
$0 = \frac{5}{6}(5) + C(5)^{-5}$ $-\frac{15}{6} = \frac{5}{5}(5) + C(5)^{-5}$	されていたいるよ
6 - 5	
The state of the s	P. S. E. (Sale Roads
C= - Vanda Vanda Vanda	ALEAS DIXIUS YARE
and the second s	Constitution of the trans
	Accordance 2 x 50 & granted
	18x - 190



Parte B

Actividad 2 Part Prodoleno d		
T(1) = 16 + 18.5 e Kall = 33		
18.5et = 33.7 16		
e= 17.7 K=In(1	7.7 = -0.04M2	
T(+)=16+18.5e (-6.0442)+	10 - mile 3 km 2 2 2	
T(0) = 16 + 10.5 e = 34.5		
	The state of the last	
37=16+18.5c-0.044274		
21 = 16.5e -0.0442 €	-2:52.02	18
	12. 9:08 0	Car To
15/1.1351 = -0.442t		1
tz-2.867		
Problema 1		
10 - 1010		
da = vece - vsa vct	Dren + D. A.	
re= skuhr rs= ski/h	* * * * * * * * * * * * * * * * * * *	
VE SKIMV VS SKIM	15) (5 = Q	
CC = 9 tylk (0) = 2 kg	1000	
1Q - 5(7) - 5Q		
1000	Shoot	
de = Poe	UCX = E Shade	
de = 85 - Q	U(x)=e	
10-35-0 de	U(x)=e	
10-35-0 de	U(x)=e	Yrat
10-35-0 de 3-25	(a) = = = 35 (b) a(1)=700-50000 (c) Al mommto	Ynot u a cs
10-35-0 de -0-35 de -0-35	(b) a(1)=700-50000 (c) Al momento 0	yacs
10 - 35 - 0 de - 25 - 0 de -	(a) = = = 35 (b) Q(1)=7000-50000 c) Al momento 0 evice (d) E= -67.295	ya es
10 - 35 - 0 de - 35 - 0 de - 20 - 35 de - 20 - 35	(a) = = = 35 (b) Q(1)=7000-50000 c) Al momento 0 evice (d) E= -67.295	yacs
10 - 35 - 0 de - 25 - 0 de -	(a) = = = 35 (b) Q(1)=7000-50000 c) Al momento 0 evice (d) E= -67.295	yacs
20 - 35 - 9 20 - 35 - 9 20 - 35 20 - 35	(a) = = = 35 (b) Q(1)=700-5000 c) Al momento O evice (d) t= -67.295 0=7000-5000e 400 t= = -4000	yacs
20 = 35 - 0 20 = 35 - 0 20 = 35 20 = 35 20 = 35 20 = 35 20 = 35 20 = 3000 e 200	(a) = = = 35 (b) Q(1)=700-5000 c) Al momento O evice (d) t= -67.295 0=7000-5000e 400 t= = -4000	yacs
20 - 35 - 0 20 - 35 - 0 20 - 35 20 -	(a) = = = 35 (b) Q(1)=700-5000 c) Al momento O evice (d) t= -67.295 0=7000-5000e 400 t= = -4000	yacs
2 (2 - 35 - 00 2 (2 - 35 - 00 2 (2 - 35) 2 (2 - 35) 2 (2 - 35) 2 (2 - 35) 2 (2 - 3000 e 400 2 - 3000 - Ce 400	(1) = 2 + 3 = 35 (b) a(1) = 200 - 50000 c) Al momento 0 evice (2) t = -67.295 0 = 2000 - 50000 to t = -67.295 to t = -67	yacs
2 (2 - 35 - 00 2 (2 - 35 - 00 2 (2 - 35) 2 (2 - 35) 2 (2 - 35) 2 (2 - 35) 2 (2 - 3000 e 400 2 - 3000 - Ce 400	(a) = = = 35 (b) Q(1)=700-5000 c) Al momento O evice (d) t= -67.295 0=7000-5000e 400 t= = -4000	yacs



X=1000 Zelowke Sustituin XIOF1 1+20100 E 1 = 10002 1(1+2) 10002 = 9992 5+1 C= 999 X = 1000 e1000 K+ gaa+elwite sustituir xm=so x = 1000 9998-1000 KE 50 = 1000 SO (999e-1000K+1) = 1000 999 = 1000/50 -1 999 = 4000 K =19 e-moock = 19 -4000 k = In (19999) K= In (19/agg) = 0.0009905 Sustituin x(6)=? x(6) = 1000 999 = 1000 (0.00099105) 16) ×(6)=276.22