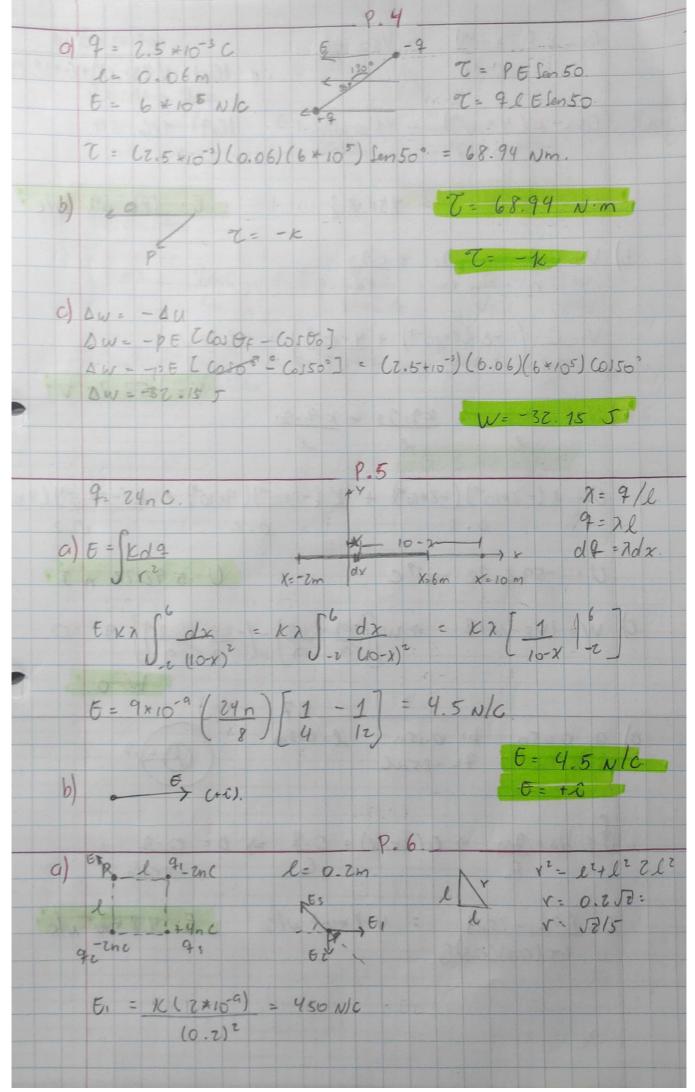
TIA : CAR	UNIVERSIDAD DE SAN CARLOS DE GUATEMALA	FÍSICA 2 C	NOTA:
2	FACULTAD DE INGENIERÍA ESCUELA DE CIENCIAS		
THE RESIDENT AND THE PARTY OF T	DEPARTAMENTO DE FÍSICA	1\$2023	
	INGA. CLAUDIA CECILIA CONTRERAS FOLGAR DE	AUX. ANG	SEL QUIM
	ALFARO		

CARNÉ:	201709088	FECHA:	04/03/2023					
NOMBRE:	Leonel Anton	Leonel Antonio González García						

Tarea 3

A, B = 6 MC. C = -12 MC	T3 P.1 A9 C9	
Fac Foo	FBC = -FCB = K 6	
$R = 800 \text{nC/m}^3$ $R = 24 \text{cm} = 0.24 \text{m}$ $l = 0.06 \text{m}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	P= Q y= 23 = 19.53 Nm2/c
9 = E A = (903, 93)		
a = $\frac{69}{m}$ = $\frac{3.5}{4}$		t:0 Vox:50m/s Vox:40+10
VEY= 15)(2)= 30 m/s.	V: 130° + 50°	- 58.31 mls. V= 58.3 mls
b) Y= Ve/t + 1 qt2 Y= 1 (15) (2) = 30m		Y = 30 m.



61=x(2×10-9) = 450 N/C.	15e1= V 931.8)2+C-137.8)2
63 = x (4 × 10-9) = 45 0 N/c.	16al = 186.39.
· ER= 131.8 8 - 131.8 3	6=186.39 Nlc.
b) V= K91 + K92 + K93	
V= E (-2 (2×10-9) + 4×10-9) V= V= 1	= -52.72 V. V = -52.72 V
0) U= K9,92 + K9,93 + K9,93	
0.2 + (-2*10-9) (-2*10+) + X (-2*1	
U = -592.72 -10-9C	U=-59272 nJ
0) W= (V+-V019 =>> W= (-kg-kg)	$-\left[-\frac{kq}{q} - \frac{kq}{q}\right] = 0.$ $W = 0.$
0) 0= 0.05m b= 0.15m l= 0.3n 0= +9w0 9= -25w0 6= r= 20 an	
\$ = dA = 9 an => = (2 mrl) = Q-9 & &	=> 5 = 0-9 = ZTruleo
E= (9m-25m) = 4.8 ×106 N	1c. = 4.8 × 104 N/C

b) (p.			- 6	7.00			ŧ	12	nre,) =	Eo.								
			7.0		Eo		6	311	2m	ello				7) (0.3	15 ((Fo)	F	7.7	1,
c)	6	= 1	-	2 cm									5=	7			NIC			
	5	6.0	XA.	-	9	300	37	E		9	enc	Eo.					90	unc.	,	
	E			24				6.	48	KN	/c		9				V+ 3.		10	6 C
													5=				vlc			