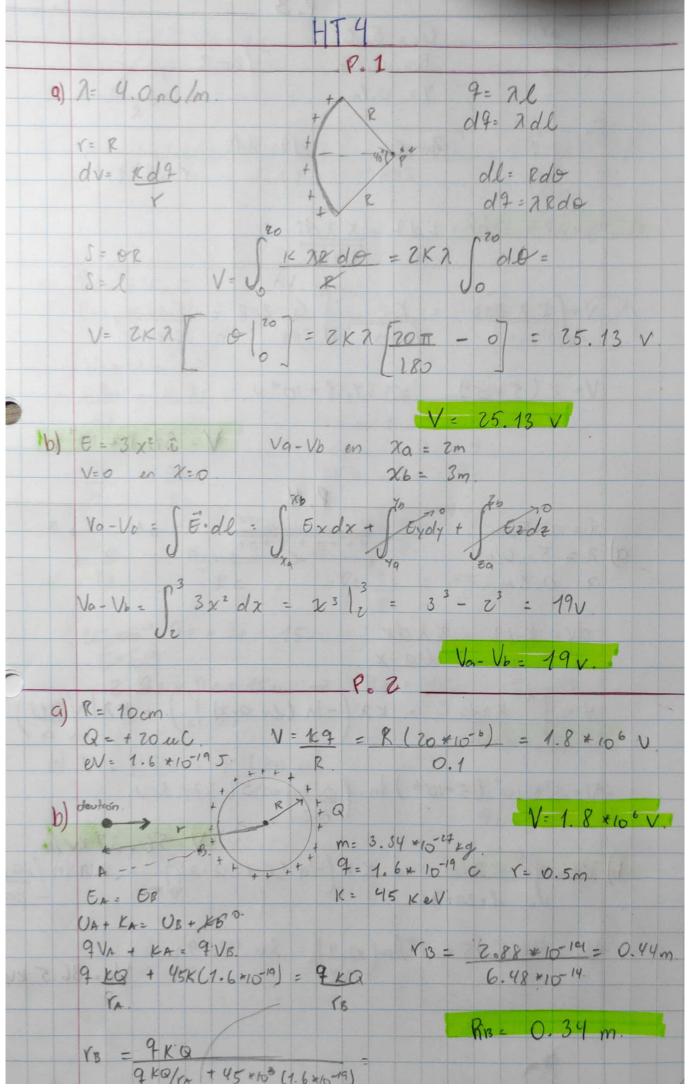
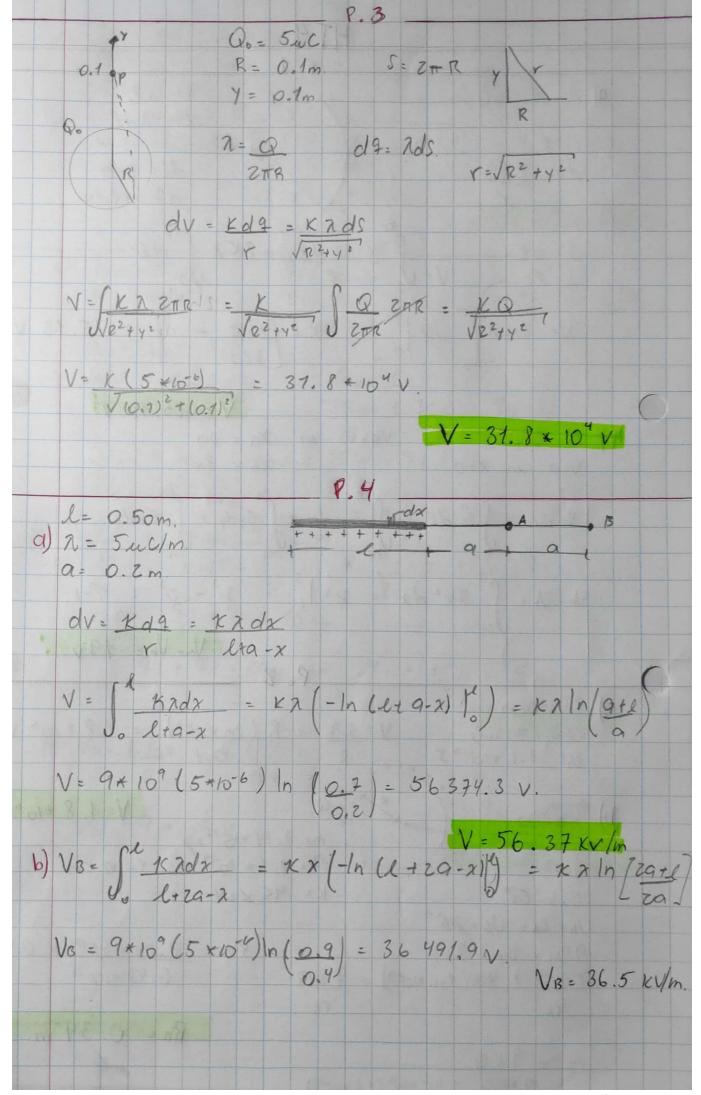
SISNEL WILL	UNIVERSIDAD DE SAN CARLOS DE GUATEMALA	FÍSICA 2 C	NOTA:
	FACULTAD DE INGENIERÍA ESCUELA DE CIENCIAS		
	DEPARTAMENTO DE FÍSICA	1\$2023	
	INGA. CLAUDIA CECILIA CONTRERAS FOLGAR DE	AUX. ANGEL QUIM	
	ALFARO		

CARNÉ:	201709088	FECHA:	17/03/2023	HT 4
NOMBRE:	Leonel Antor	nio González (García	111 4





	UA + 52 = UB + KB. 9 VA = 9 VB + KB	
	9 (VA-VS) = 2 mev's.	
	VIS = 2(1.6 + 10-19) (56374.3-36 491.9) = -	1.95 + 106 ~ 4.
		1.95 × 106 mls.
a)	91 = - 15 mc 92 = 30 mc	
	R1 = 5 × 10 -3 m 82 = 10 × 10 -3 m (e)	
	VI 2 V2	
	K91 = X92 Q0 = O1	
	R1 R2 -15 w + 30w = 97	+90
	9, = 92 15 u - 91 = 92	
	121 82	
	91 = 15w-91 => R2 91 = 15w	-71
	R1 RZ RZ 91 = 15 m.	-91
	10×10- 91+91 = 15u	
	5.0/0-3	
	291+91:15u => 91:15u:	5 uc.
		= 5 u C
6)	$V_2 = K_{\frac{9}{2}} = K(10 u)$ 10×10^{-3} $9u$	15 w - 91
	92	= 10u C.
	V2 = 9 * 106 V	9 ×10 4 V
		1 710 7

	P. 6	
	15.00 N/C	
13 = (10, 6) m		
V=	5 d	1
V= W= 7 W= 9 Od	d= V (10-4)2+(-6-8)2	
9.		
	d = 15.23 mm.	
Va- VB = W		
4.		
Vas = 9600 = 6d.	= (15)(15.23) = ZZ8.5 V	
9		
	Vq- V3 = 228.5 V	
	P. 7	
V(x,4) = 3 x2+242,		
5 x = ? x = z	dy = 6x	
Y = 1mm	dx	-
	Ex= -dv	
	dx	1
0x=6(2) = -12V.		
	Ex= -12V	