



- + 7t-	27.14	45
r= 0.450 m	a) 4= 0.100 m	
9 neta = 0 250 nC.	E= K gore = 9*109 (0.250*1	0-9)
	12 (0.450 1	0.100)2
	E= 7.44 N/C.	
	E= 7.44 NI	CH
b) v= 0.350m.	900 = 0.	
6	Eo E = On	
		#6
9 = 4.80 uC/m	27.17,	710
72 - 2.40 wC/m	4:0.40m 92	
E 27 E	9,1	
a) Y=0.200m		
577/2421	2(9×109) (4.80+2.4) = 6.48 × 105 NI	10
CHECKET AL)	0.200	
	€, = 6.48 *1	o' NICH
b) 4=0.600m		
€ Eq= 2 (9+109) 04	.80 ×10+6) = 1.44 ×10 N/C	
0.600		
I. 7 (9 + 109) (-	2.40 * 10°0) = 2.16 × 10° N/C.	
0.700		
ET = -1, 44 * 10 3	+ 7.16 * 10 F F 7. 2 + 104 M/U	
	Er = 7.2 +10°	Nlog
		<b>S</b> VAria