



+ + 10		P. 71. 73	#5
Ë= 7.7	5 × 103 N/C	7 Prototo = 1-60 × 10-19c	
a) E = E	- + F =	t a	
a) E = F		2.25 + 103) (1.60 + 10-19)	
		1.4 × 10 -76 ×	
1) +		4 4 × 10-16	.4 × 10-14 N
b) F = ma		1.67 × 10-77	
	a = 2.6:	3 * 10 11 m/se	2.63 × 10 <sup>11</sup> m/s <sup>2</sup>
0) V4= V5	°+ at	U C	.03 10 m/3
to 1 us	V=	(7.63+10-1) (1+10-6) = ZE	3473.05 m/s
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		F )
184		V = 2.63	* 10 m(s
		P. 71. 75	46
V= 4.50		a) y= vo + za Ax.	
9 Pro 51 = 1.		$-V_0^2 = q$ $\Rightarrow a =$	
X= 3.20	cm.	ZAX	2 (0.0320)
6= F	= ma = (1.1	67 × 10-27 (3.16 × 10") a =	-3.16 × 109 m/s
9	9	1.60 + 10-19	
● F= 3 3	*106 N/c. +x	E 3	3 * 40° (+2) N/C
	A TO NIE TX		10 GC) NIC.
6) VF: Vo			42 × 10-8
1420- No	= t.	9 3.76*10"	
9			t= 1.42 × 10 -8 s.
6) Fe= m	e 6p = 9.10	× 10-37 (3.3 × 106) = 17	98.2 N/C
M	19 1.67	7 *10-27	
		6e	= 1.80 ×103 N/C
			a Ari

