

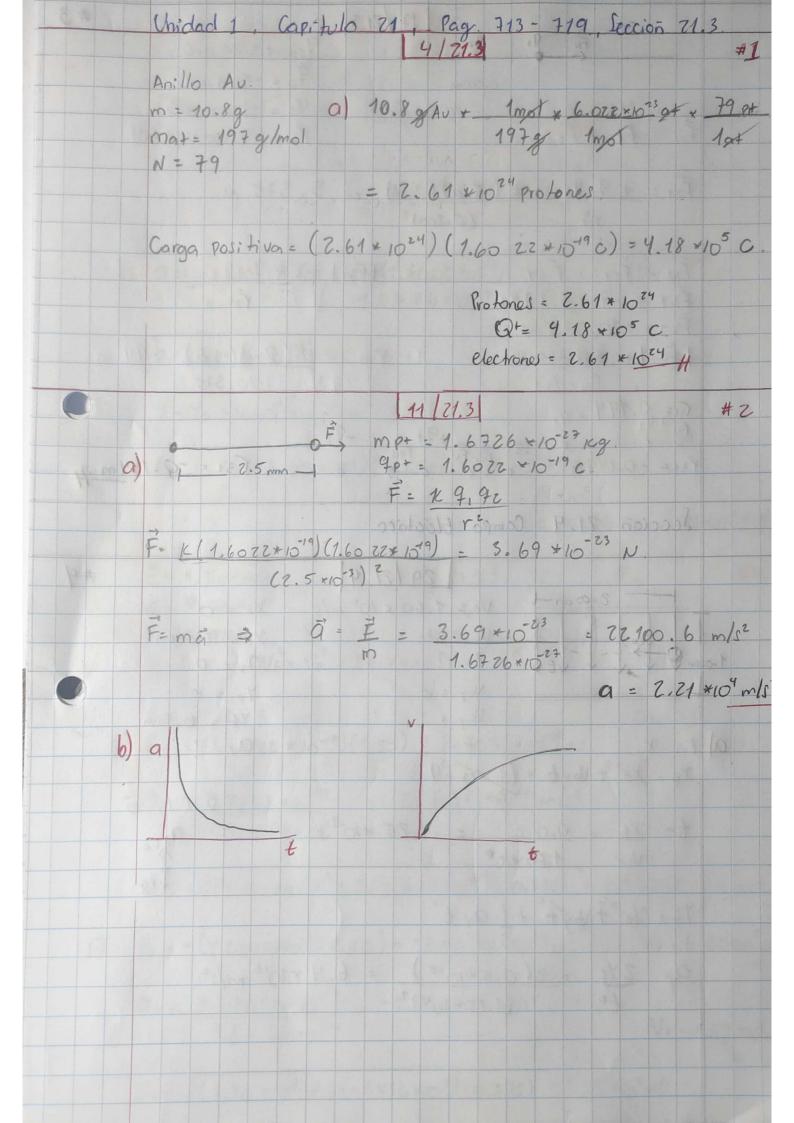
UNIVERSIDAD DE SAN CARLOS DE GUATEMALA FACULTAD DE INGENIERÍA ESCUELA DE CIENCIAS DEPARTAMENTO DE FÍSICA

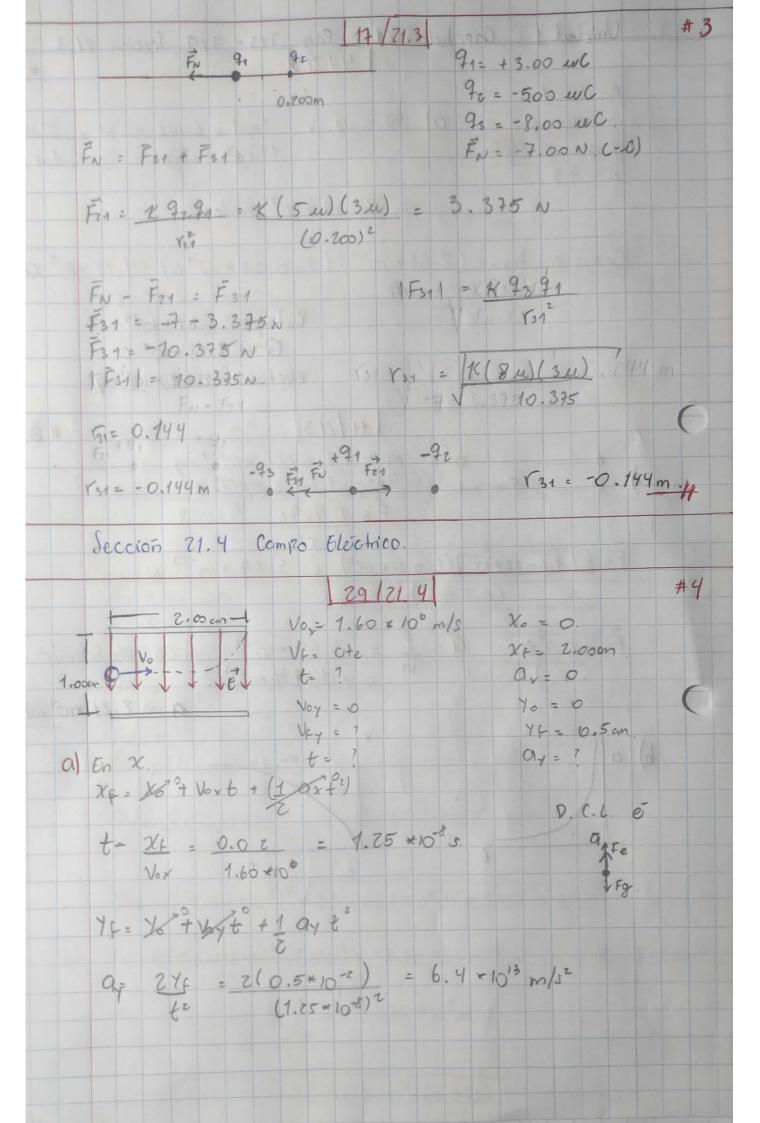
Curso: Física 2 R 2S2022	Nota:	
232022		
AUX. CÉSAR FERNÁNDEZ		

TAREA
HOJA DE TRABAJO
EXAMEN CORTO

No.
1
ı

CARNÉ:	201709088	FECHA:	11/08/2022
NOMBRE:	Leonel Antonio González García		





```
百二里
    Efy = may
     Fe-Fogo = may
     Fo = may
                           F = meay = (9.1094+1531) (6.4+163)
    EAI = may
                                            (1.60 40-19)
                                1901
    E = man
                       E = 364.38 NICH
                                            E = 364 N/C ,
 b) a = 6 90 = (364.38)(1.6072 41519)
                       1.67 26 410-27
     a = 3.49 *100 m/s2
                                       No golpea las placas.
     1- 70 = Voy6 + 1 9y6"
     Ay = 1 (-3.49 ×1010) (1.25×10-8) = -7.7 3×15-6
                                         Se desploza 2.73 *10 ( (3))
    E= 1,50 N/C
                                                            #5
    Vo = 4.50 +105
  a X= 0.375m
     E= F V= V0 + 29(X-76)
                                                   F=max
     Fex = 90 E
                                                  ax = B
     Fx = (1.60 22 * 10-19) (1.50) = 2.40 33 * 10-19 N
                        = 2.638 *1011 m/s2
    ax= 2.40 83 *10-19
            9.1094 * 1031
     VFx = \((4.50 × 105)2 + 2(2.638 × 104) (0.375) = 632732.17 mls.
b) Fx = - (1.60 22 × 1519)(1.50) = -2.40 33 × 15-19 N Vx = 6.33 × 105 m/s
    ax = -2.4033 = 10-19 = -1.436 × 108 m/s.
       1.67 26 ×10-23
                                                    Vx = 1.59 +10 mls
    Vx= V(1.90 ×104)+2(-1.436=108)(0.375) = 1.59 ×10 mls.
```

