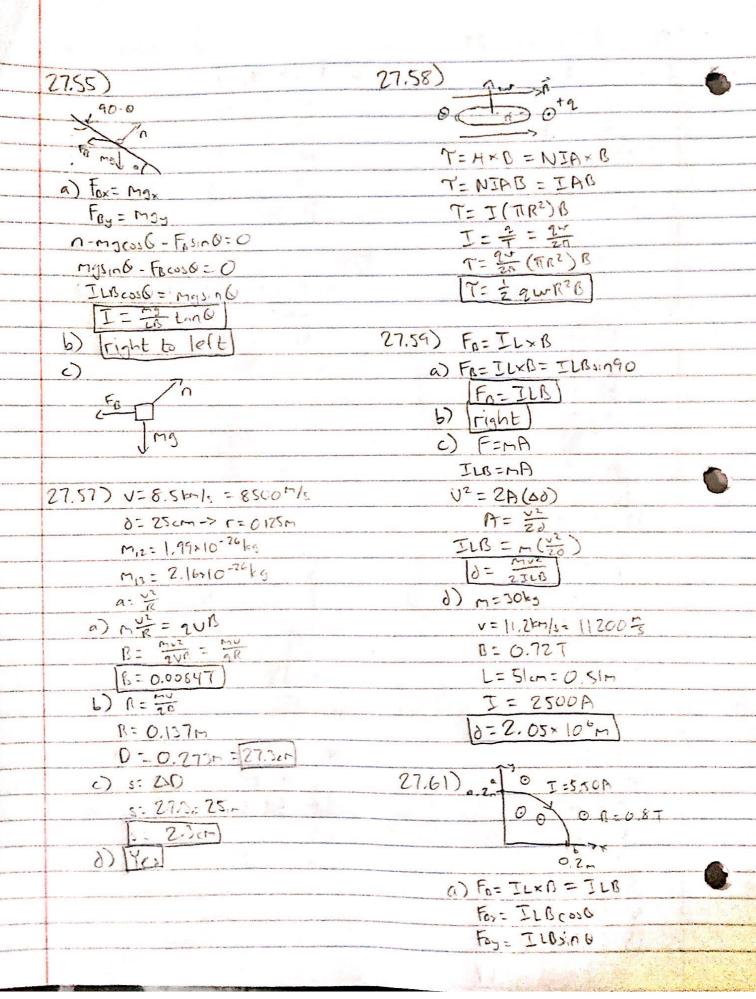
	01 16 61 166 77 96 110		
-	Physics IC Chapter 27 Problem 27.3) B=1.29T9	b) F=mA=Fo-Fo	
9-	19/2 8.204(*****
	J= 4.60km/s2	Mf: ILB-me	-
	The state of the s	工一类	-
	a) == 20 × 5	MA= KLB-MO	
	positive	$A = \frac{v_L \sigma}{R \tau} - \sigma$	-
	b) Fo=quBsin90=quB	A=102.95	
	= (8.2×10°C)(4.6×10°=)(1.297)	and the time to the second second	
	= 0.049N	27.54) 戊工	
		a) F=mA=n=qvB	pro-0,-11
	27.18) B=1.9T	$N = \frac{R_0 v^6}{R_0} = \frac{R_0 v^6}{R_0}$	
	F=MA = quxB	UE=qV==muz	
	a) kE= 2mv2	214	
	KE = S.O MeV	2 R ² 2 B ²	
	m = Mpnton = 1.67 x 10 ⁻²⁷ kg	250	
)	V= 521E	8 - 856.63 W	
	5.0mev= 8×10-13 J	$M_{S} = \frac{1}{2\pi \sigma} \frac{1}{2\pi \sigma}$	
	V=3.09×1077	b) mc=1,99x10-26kg	
	b) UCM: A = 4	R= SOLM= 0.5m	
		B= 0.150T	
	$MR = 9VB$ $R = \frac{7V^2}{9VB}$	1 = R202	
2	R= PDD = E-E	V = R2262 V = 22.61 kV	
	R=0.168m)	c) m=2.32 ×10-26 ks, m==1,27>10-26 ks	
	[NZ ONS M]	p2 = 2mu	
	27.31) L=53cm=0.53m	$R = \sqrt{\frac{200}{200}}$ $R = \sqrt{\frac{200}{200}}$	
	m = 800g = 0.8kg	11-3 200	
	B= -0.500Tê	OR = J27.V J27.V	
	R=23n	DR=0.54m-0.5m=0.04m	
	a) F _B =F _B	ΔD=DR×2-[0,08m]	
		d) easily	
	ILP and	O)[easily]	
	V=IR I=Vi		
	TLB = mg		
	V= Rng		
	N=680V		
	N-6600		
			-



	L=10 -> dL= rd0	W=0.83N)
	dFox = Idl DcosO	
	Fox=rIBCUSCOOG	27.65) = 0.13 1/m = 0.013 1/m
	FAX= (ID (sind))	I= 8.9A
	Fox = (IB	ハモ・Tじ×び
a constitution to the constitution of the cons	Fpy= rIB	To = IA×i = IABsin60
	F2 = Fox2 + Fox2	To-To= 0
	F= \(\sum_{261B}\)^2	To= To
	[F=1.24N]	To=rxF=rFsin30
	b) towards the origin).	IABsin60 = rngsin30
	c) B=0, R -> Fox = 0	B= FM3 SWID
	F=Fay=rIB	M= 0.28m x (0.013/2)
	F= 0.88N	m= 0.00364kg
	d) (z-axis)	B=0.019 T)
		b) (ty-direction)
	27.63) D=0.50G=5×10-57	
10	0=5mm=0.005m->r=0,0025m	27.69) N=51 tuins
	9=8900ks/m²	0=1.40cm-> r=0.007m
	a) Fr=ILB=mA=mg	I=0.920A
	ILB= ng	0-0.210T 0-60°
	タ=でつか= gv	a) デューエベス
	ILP= YVg	Fo=ILBsin30
	V=Tr2L	L=2TIT(51)=102TIT
	ILO=Y(Tr2L)g	Fa= I (102Tir) 1851060
	I = gnr20	Fp= 0,375N
	J=4,8×104A)	6) (-y-direction)
	b) (not feasible)	
	c) I=900A	27.82) b) W== 2 Ey
	ILD= 9 (TIZL)g	WE = 2mv2
	D= 41114 T	gE= inv2
	D-0.00197	V = 529Ey
y	d) w. = ILB	() quB-2E=Mr
	W= 1N	qv0-9E=n(21En)(2)
	W.= & (TITZL)g	9.0=ZqE
	Weur = 6.17N	V: ZE
	JA III	and the second s