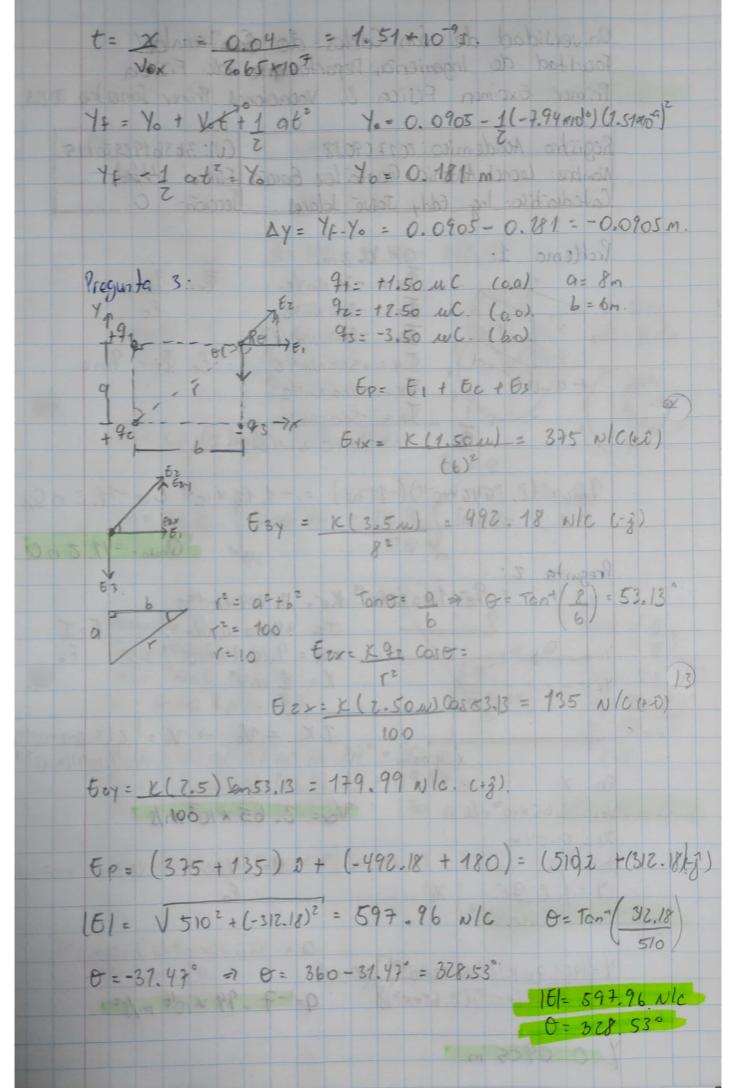
	Read of the second of the seco	
	Registro Academico: 7017 09088 Cul: 3636192370115 Nombre: Leonel Antonio Gonza lez Garaja Firma:	
	Catediatio: Ing. Eddy Josvé Solares Sección: C.	
	DTENNO - TOTO O & BY-AY = VA	
	Problema 1: 9=0.2m.	
	1 = -70 Nm2/c. \$\overline{\Psi}_{i} = \frac{9}{60} \text{m}^{2}/c. \$\o	
	2 3 4 5 Dz = -300 Nm4c Eo	
	+ a - 1 = +300 Nme/c. Eo \$\overline{Q}_{\tau} = \frac{q}{enc}	
	To = 500 Nm2/c	
(395	Φ1 = -1270 Nm²/c	
	9 10 0-12 1-12 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	-
	Jenc = (8.8542×10-12) (-1270) = -1.12 × 108 C = -11.20	0
	Oneta = -11 2 r	
81.63	7 Fe: 1.60 22+10 Ke- 3. 204 + 10 105	
	0= +9.00 u c/m2. 1=0	
	You To	
	Year - I muz	
	2K = V6 -> V0 = 2(3.204 ×	15
	x=4.00cm / m / 9.1094*	
	En X	
	Vox = 2.65 * 107 m/s	
	Xf = 0.04 m	0
	Y = ( & ge   X12   Eo   = 451.76 *0	0
1	Y = ( t ge / X,2 Eo	
	a = 451.76×108 (1.8022×10-19)	
	Y=[451.76 K)(1.60 22×10-19)]10,04)2 9.1094×10-31	



0) F= 96. 9=-1wc.
F= (1w)(598) = 59.8 + 10-3 N. F= 69.8 mN.
d). Como 9 = c-). entonces. Fe y 60 oprestos.
D=-31.47 -525 A= 180-31.47 = 148.5°
do.
Pregunta 4: r=0.01m. + 3= R0  91=11wl + 5= ds= Rdo.
92 = -1 ml
Ex= kado seno d9= ardo ey= 0:
Ex= ZKZ Seng do. = ZK Q S Senodo. R.O.
R Juliz Piz O. W.
Progenta 5: 5 tant = 4
02= 30 nC (-3,4)  6 = 2.60 KN/C +0  5 = 36.87.  0 = 36.87.
$P_{x} = (30 \text{ n})(5) \text{ Sen } 36.87^{\circ} = 90. \text{ n}$ $P_{z} = (30 \text{ n})(5) \text{ Cos } 36.87^{\circ} = 119.99 \text{ n}$ $P_{z} = (30 \text{ n})(5) \text{ Cos } 36.87^{\circ} = 119.99 \text{ n}$
$P = (30_{0})(5)(5)(5)(36.87 = 119.99 n.$ $P = (149.9n)^{2} + (149.9n)^{2} = 150 n.$ $P = 150 n.$
7 = (150 n) (2.60 *103) Sen 126.87 = 371.9 *10-6 Nmy
T= 312 *10-6 Nm