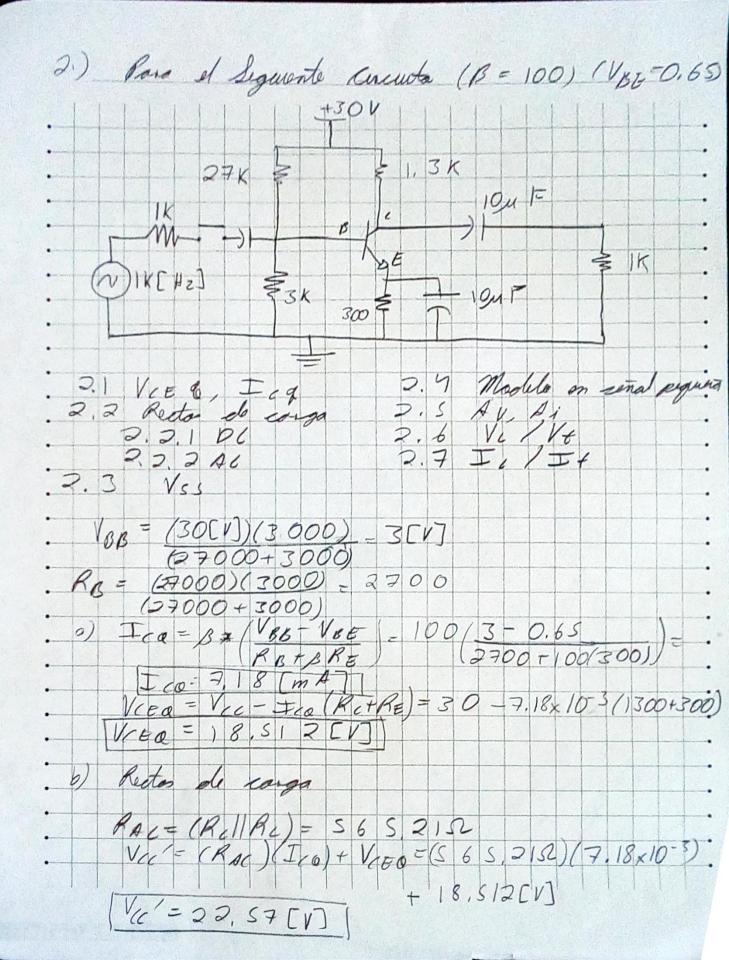
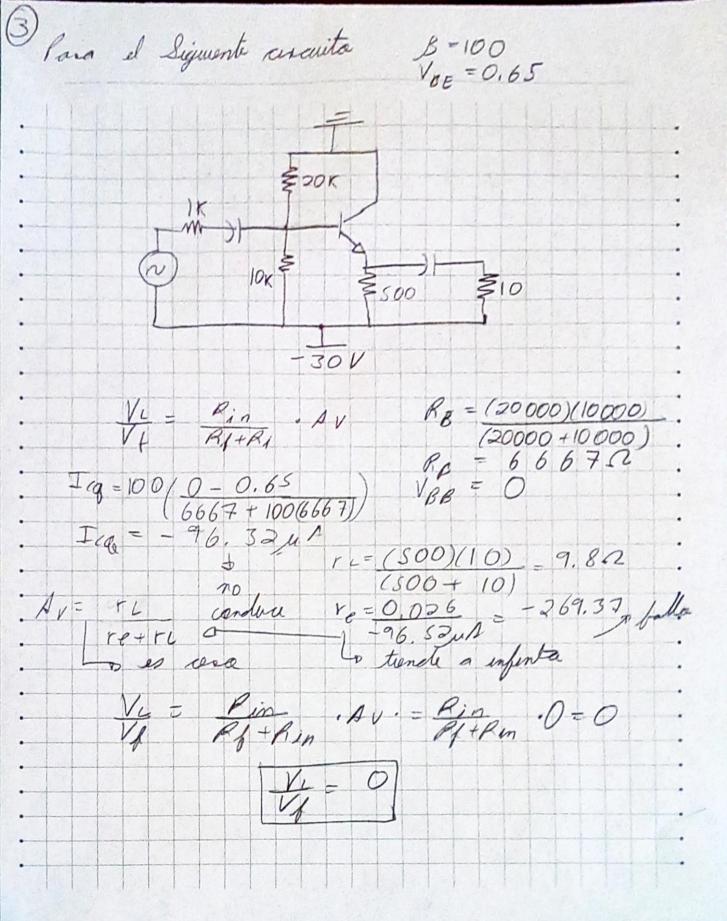
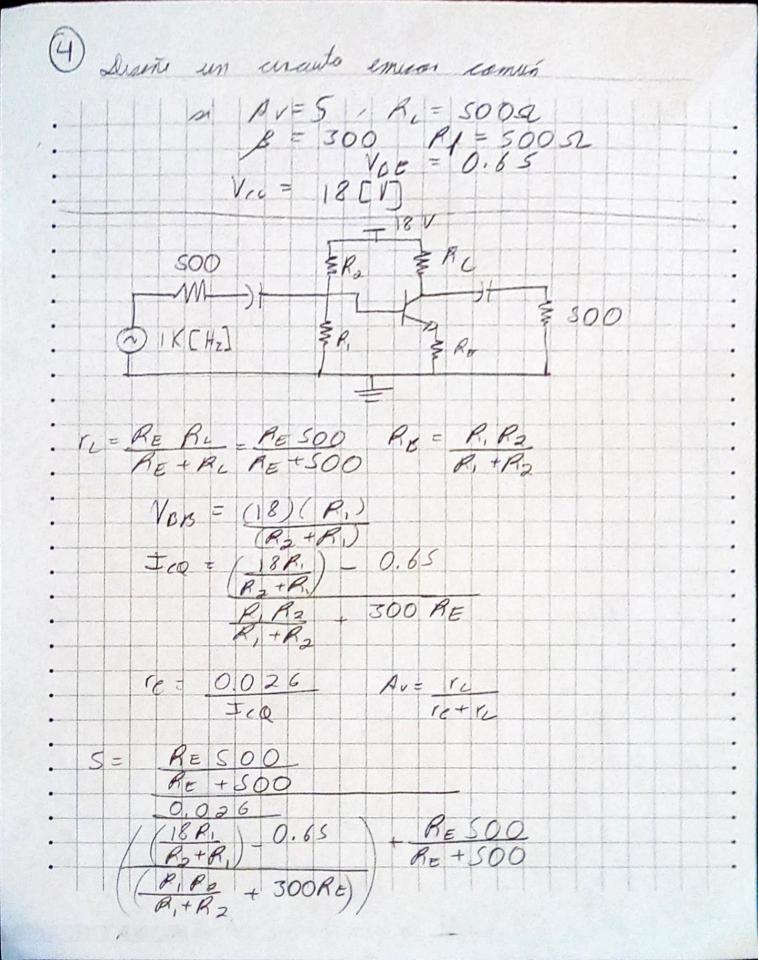
.1.3 p = 225	mutch alueda : nutch correlector of the survey of the surv
	+15V 1.1 Vc = 15V
	28.67 FC (NPN)
Vac = 15 V	$T_{c} = B(V_{BB} - V_{BE})$ $R_{BT} \neq R_{E}$ $T_{c} = 25(5V - (0.7V))$ $38.77 + 225(0)$ $T_{c} = 0.033(A)$
	$\pm_{\mathcal{L}} = 33.74[mA]$



- L'entinuavon 2 (2.2) IC' = V(EQ + ICB = 18,512(V) + 7,12(mh): IC' = 0,0399 = 39,93 mA IL 40 & I CMA] 30 -20 Tra 7,18 30 V [V] 20 22.5 10 Val Vcc

.250) (1= Rt Rt = (300)(1000) = 230.769 Rt+Rt (300+1000)	3.
re= 0.026 = 3.62 st	-
$\frac{1}{r} = \frac{r_L}{r_{e+r_L}} = 0.989   100  $	-
. 2.6) rn=B(re+ru)=23739	:
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	





(4) Re= Y2RL R1- 1/2 (300) = 250 Rell Re- (250)(500) = 166.66 (250+500) BB = RO 11RL = 166.66 = 33.33 CA PAC= RE4 (Re 11 Re)= 199,99 -0 200 Rpc = RE + Rc1 = 33.33 +250 = 283,33 Ico = Vcc = 18 = 37,24m A.

ROC+RAC = 200+283,33 = 37,24m A. re= 0025 = 0.025 = 0.67 Ica 37,27×10-3 RE= RE - re= 33,33-0.67=32,65 RB = 0.013 RE = 0.01(100)(32.65) RB = 77.16 VOB = 0,65+1.01(32,65)(37,24×10-3)  $R_{1} = V_{CC} R_{B} = 18 (77.16) - 739.63$   $R_{2} = R_{E} = 30.65 - 36.453$   $V_{CC} = 18 (77.16) - 739.63$  1.8778 - 36.453 1 - 1.878 - 36.453  $V_{CC} = 18$ Va B = 36,453

R. = 739.63