Aplicada II. Perpete en Francia. Determinar · fh · Ava. · La cerp. en baja /ec . Con polo dominante el del capacitor de anisor. Para una frec. h//h, = 3872,66 de corde inferior: fr = 20 Hz.  $\begin{array}{c|c} h_1 & c_1 & h_2 & h_3 & c_3 \\ \hline M & & & & & \\ \hline M & & & & & \\ \hline \end{pmatrix} \begin{array}{c|c} h_2 & & & & \\ \hline & h_2 & & & \\ \hline & & & & \\ \hline \end{array} \begin{array}{c|c} h_2 & & & & \\ \hline & & & & \\ \hline \end{array} \begin{array}{c|c} h_2 & & & & \\ \hline & & & & \\ \hline \end{array} \begin{array}{c|c} h_2 & & & & \\ \hline \end{array}$ hs = 600 s. he = 2,2 k.R. C, = 10 MF. h, = 22k.s. hz = 4,74.1 C2 = 10 ye F C3 - 10 pt Re = L, ZKR. Vc= 10V. he = 470 R. hfe=125 Cbc = Z, Apt. VB = hz . Vc= = 1,76 V 166 = 30R. Cbe = ZOPF. resistencia de dispersión de Base VE = VB - 0,7 = 1,06. U IE = VE - 2,26 mA Γ'e = 25 mV. = 11,08

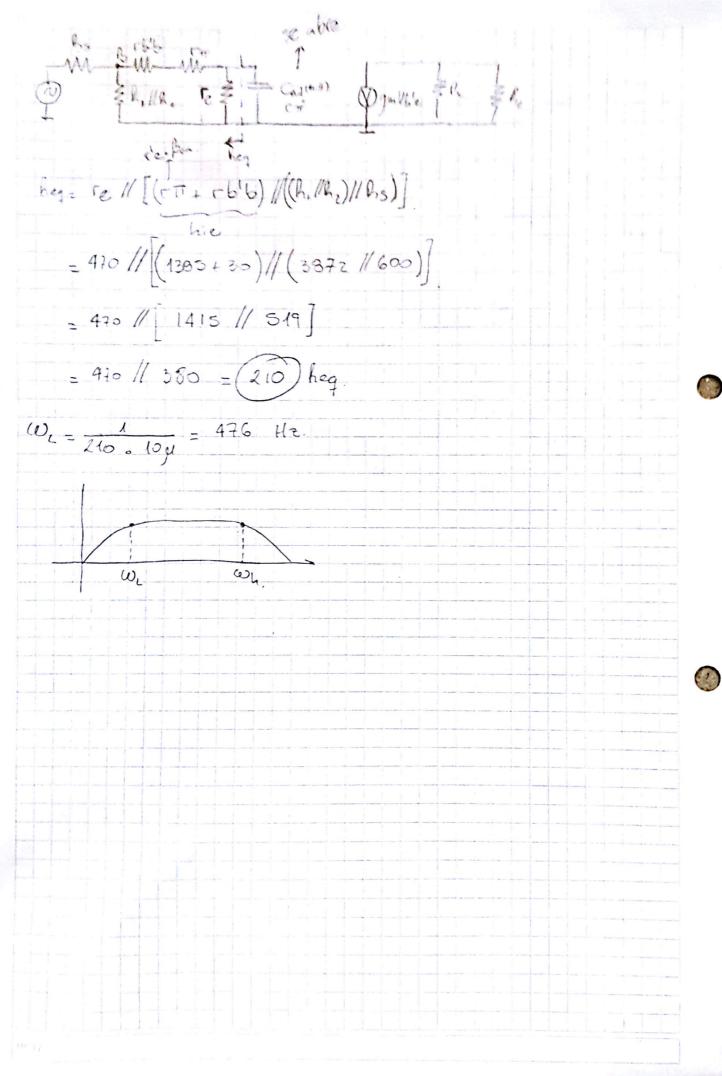
Ie. = 11,08 resistencia interna. 1 de emisor para alterna. heat (td) = hs/h, // bz // Bca. r'e = 378.

coloidor. Thie.

solida sobre entrada? Porque

r'e r'e garage.

Sen el denominador solo esta r'e Cont (Millar) - Cbc (Avm +1) - 290 pF. (ent (Idal) = Cent (Mill) + Che = 260,6 pF. o Fr = 2 tt - hant (1st) , Cent (1st) = 1,616 MHz



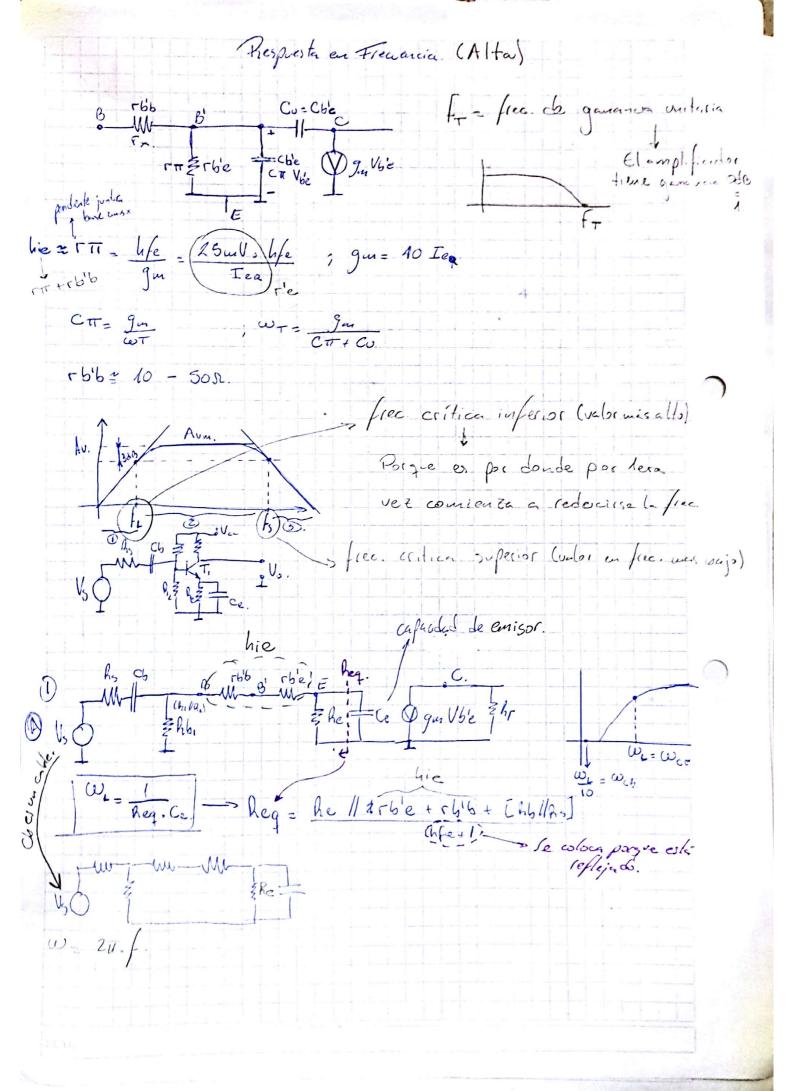
26/00/10

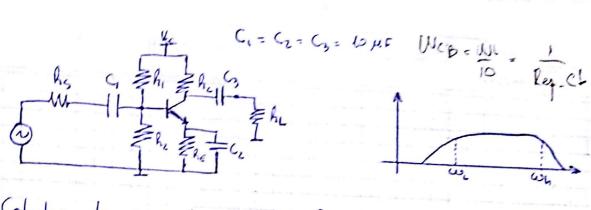
$$u = \frac{67}{6x} = \frac{3 \cdot 50}{2,73 \cdot 3,230} = \frac{3}{0.5} = \frac{3}{0.5}$$

$$\frac{h_1}{h_2} = \frac{h_1}{h_2} = \frac{h_2}{h_3} = \frac{100 \, \text{k}}{h_3} = \frac{15}{h_3}$$

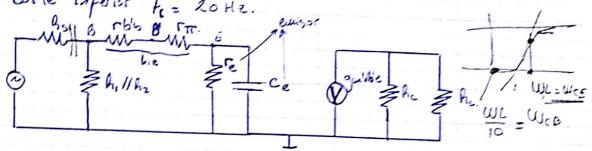
$$\frac{h_1}{h_2} = \frac{h_1}{h_2} = \frac{100 \, \text{k}}{h_3} = \frac{15}{h_3}$$

Vo = 100, -27,50.



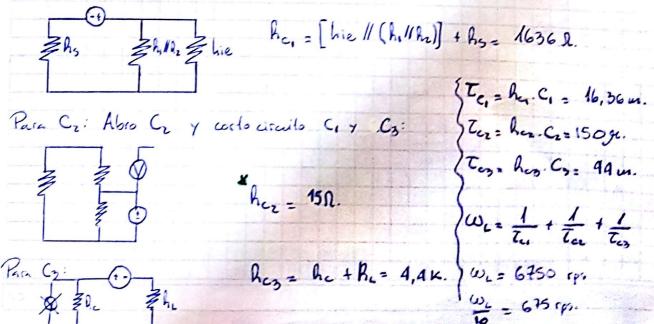


· Calcular la respesta en baja franceira tomanda como polo dominante el del capacitos de emisor (Cz) para una franceia de carte inferior fe = 20 Hz.

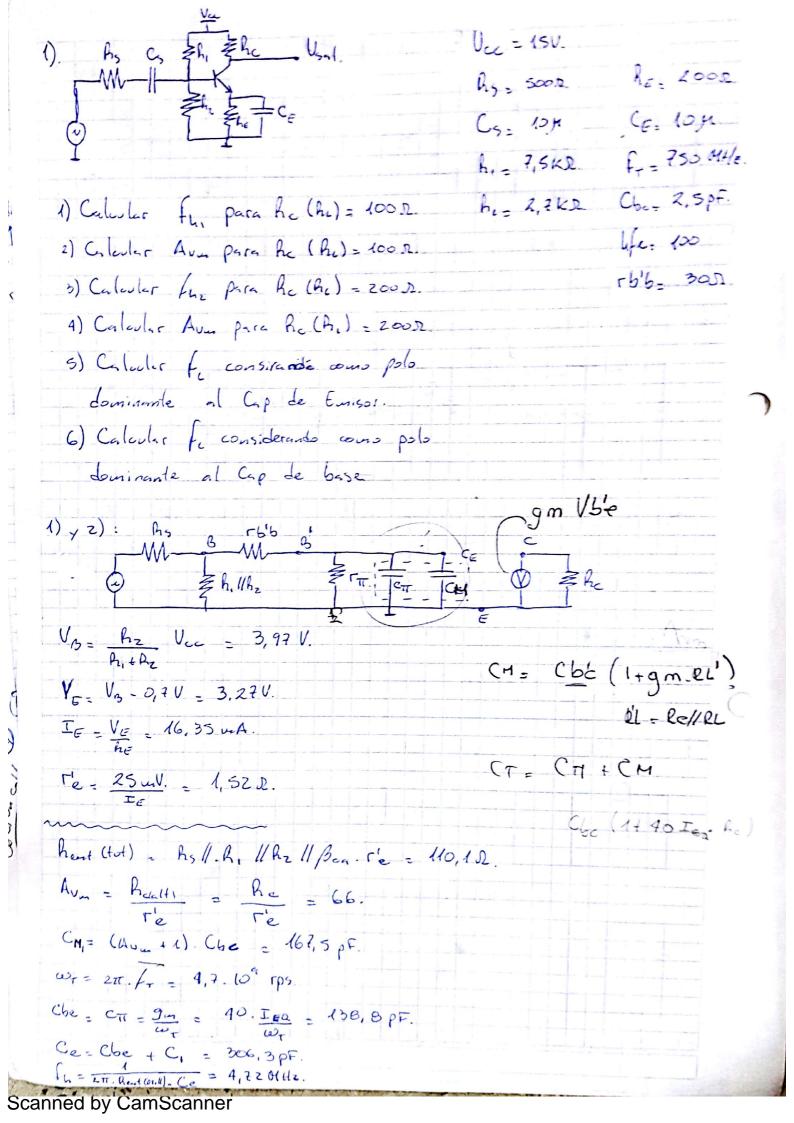


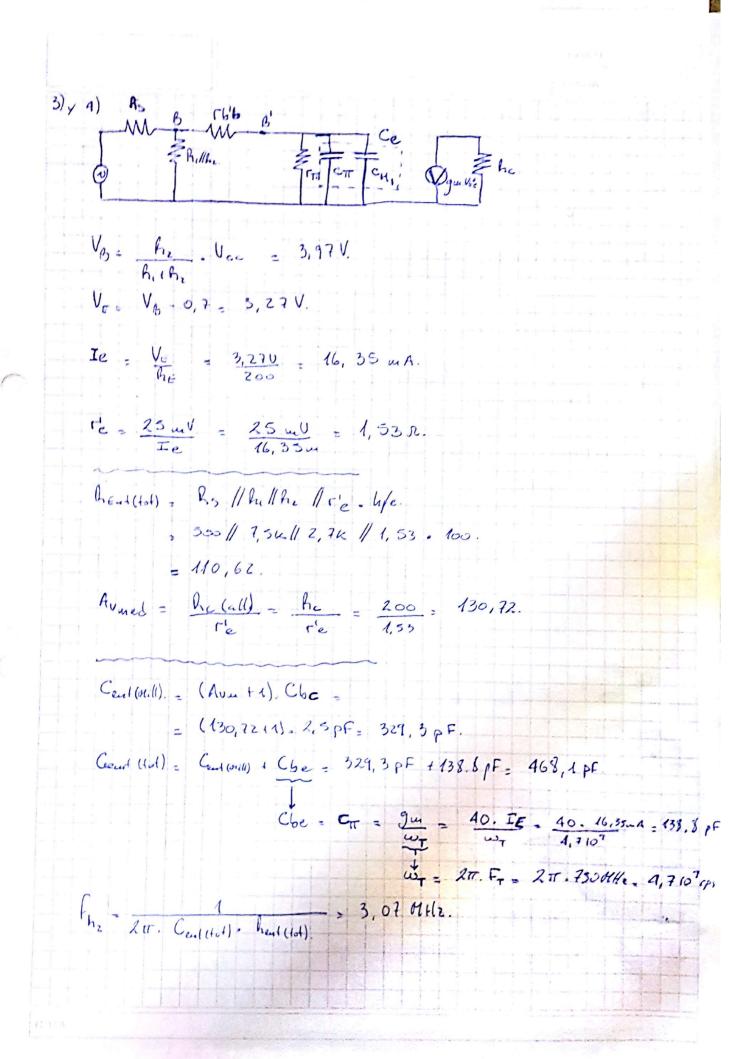
$$\omega = 2\pi f = 2\pi.20 Hz.123$$
 $\omega = \frac{1}{T} = \frac{1}{125} = \frac{1}{196.63}$ 
 $c = \frac{1}{196.103}$ 
 $c = \frac{1}{196.103} = \frac{1}{196.103}$ 

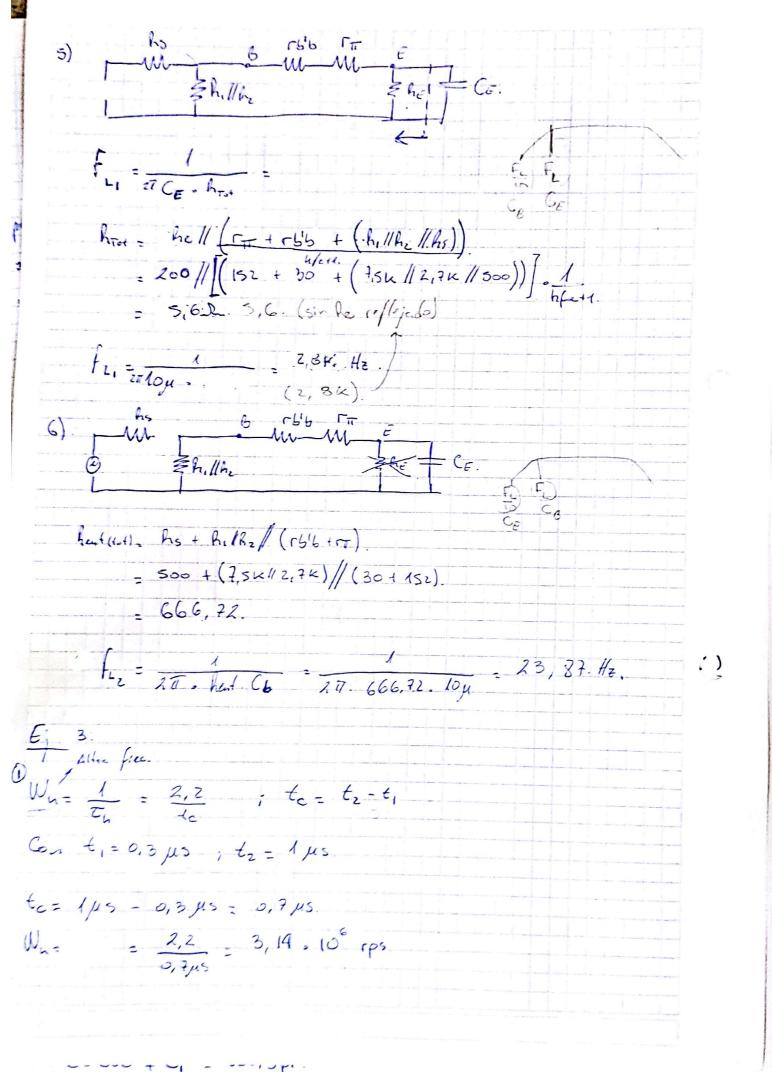
Para C: Abro C, y costo circuito Cr y Cz



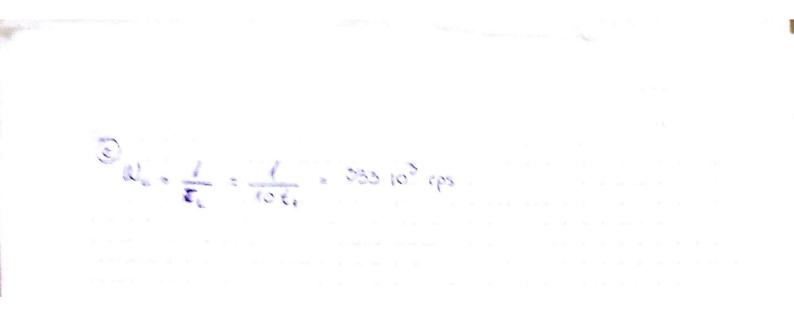
Scanned by CamScanner







Scanned by CamScanner



Regar Rot Rb. ( 6 bib + 16 the the the cost) is hege has Ab, M(rbib + rbie). Jehn come conto concerto. When the second here is here = hell (66'6+ 66'e + 661)