

Electrónica Analógica

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Pre-Laboratorio #1

Integrantes:

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Resultados de cálculos con datos obtenidos en simulaciones

ANCHO DE BANDA

38.701MHz - 112599 Hz = 38.5884 MHz

GANANCIA VOLTAJE

2.0278V / 429.933mV = 4.71654

GANANCIA CORRIENTE

2.0278mA / 176.67 uA = 11.47789

VIN MAX

0.43 V

VOUT MAX

.0278 V

VOUT PROMEDIO

2.0195V

Io MAX

2.0278 mA

Io PROMEDIO

2.0195 mA

Icq

8.339mA

Pot PROMEDIO

2.039 mW

Vbb

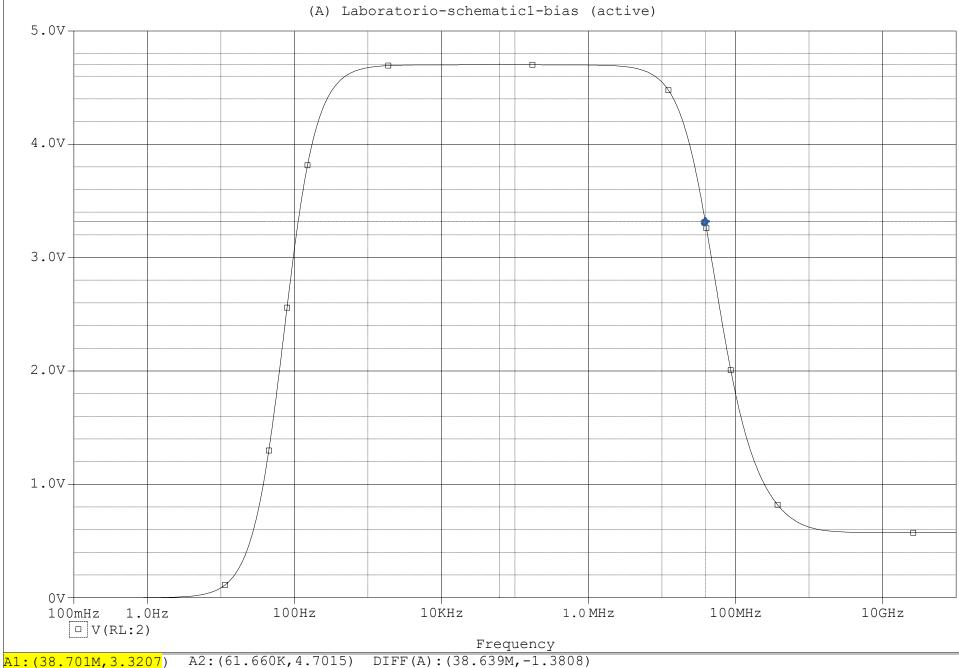
1.541V

n%

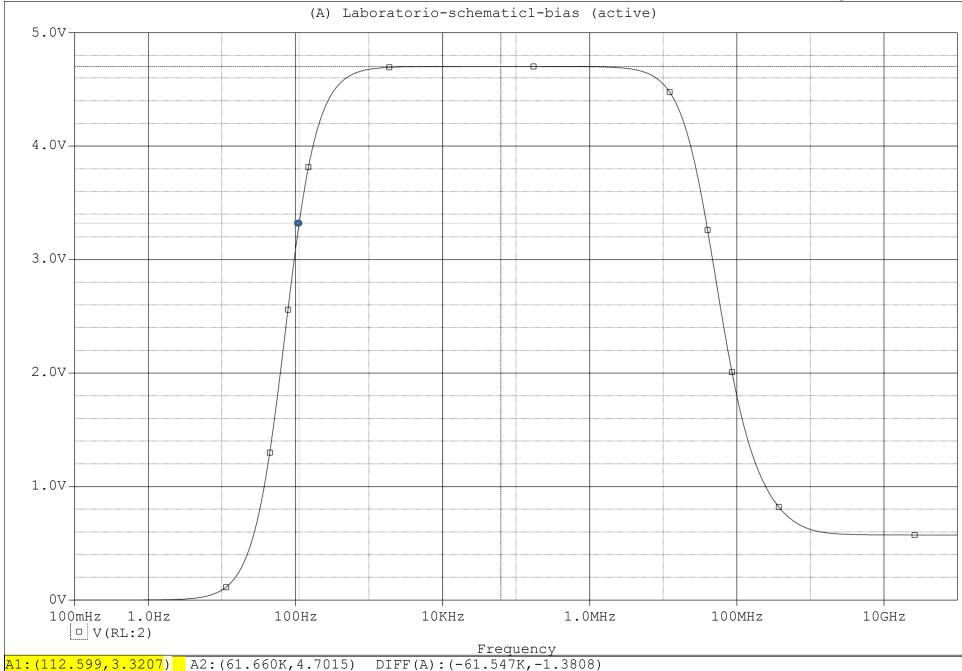
2.0545%

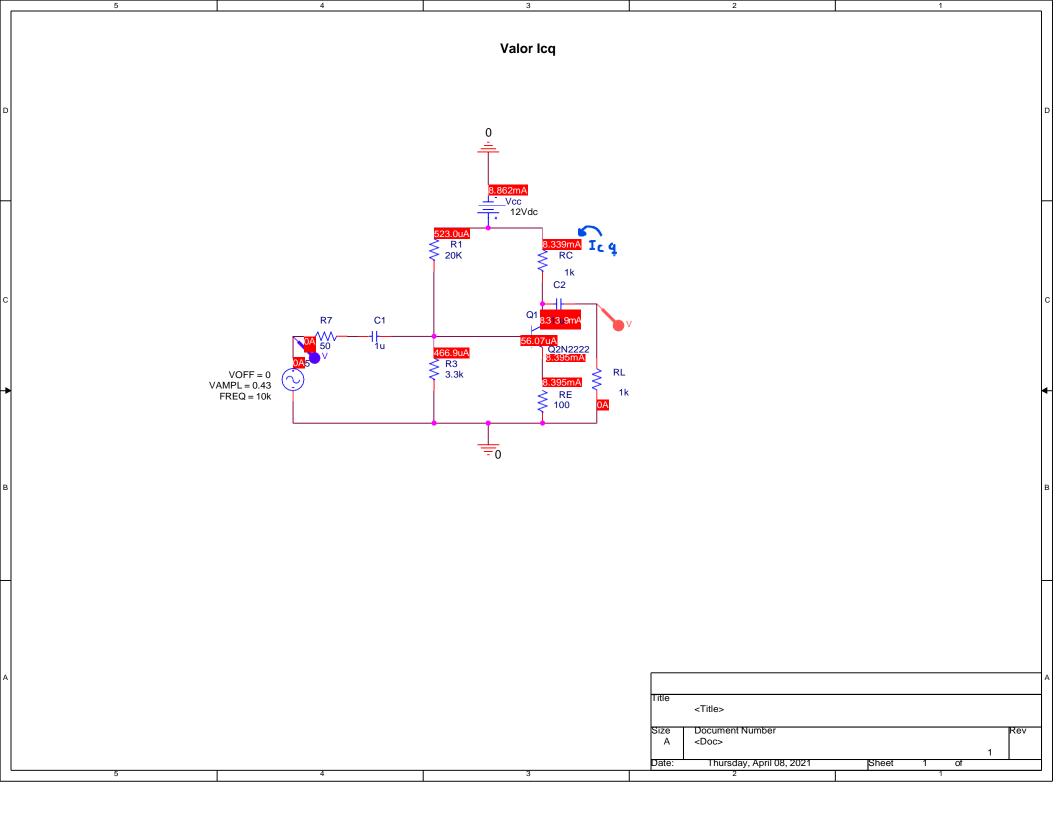
Time: 18:35:50

Date/Time run: 04/08/21 18:08:08 Temperature: 27.0



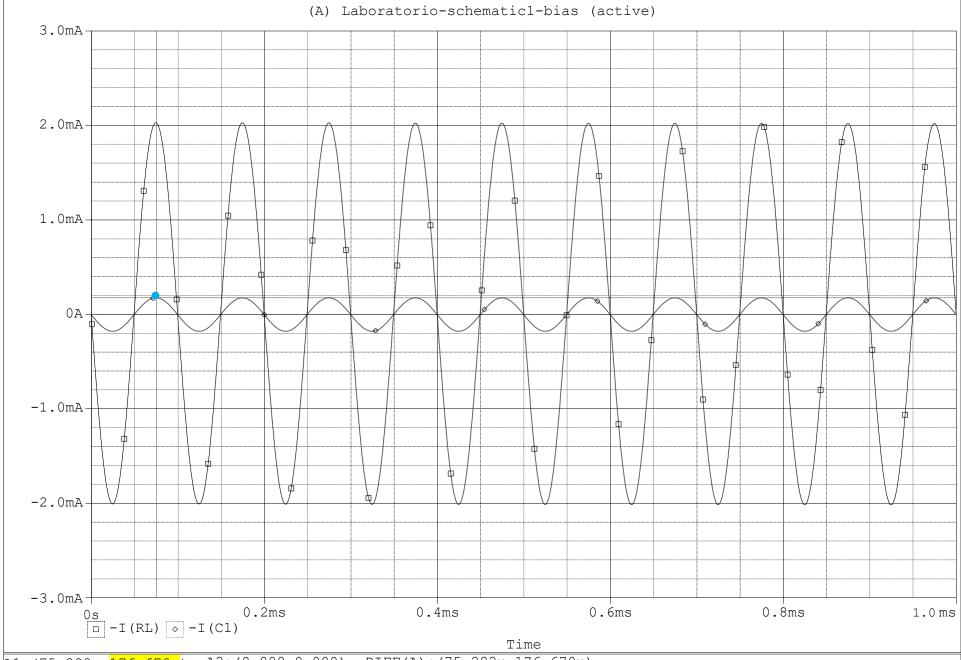
Date/Time run: 04/08/21 18:08:08 Temperature: 27.0





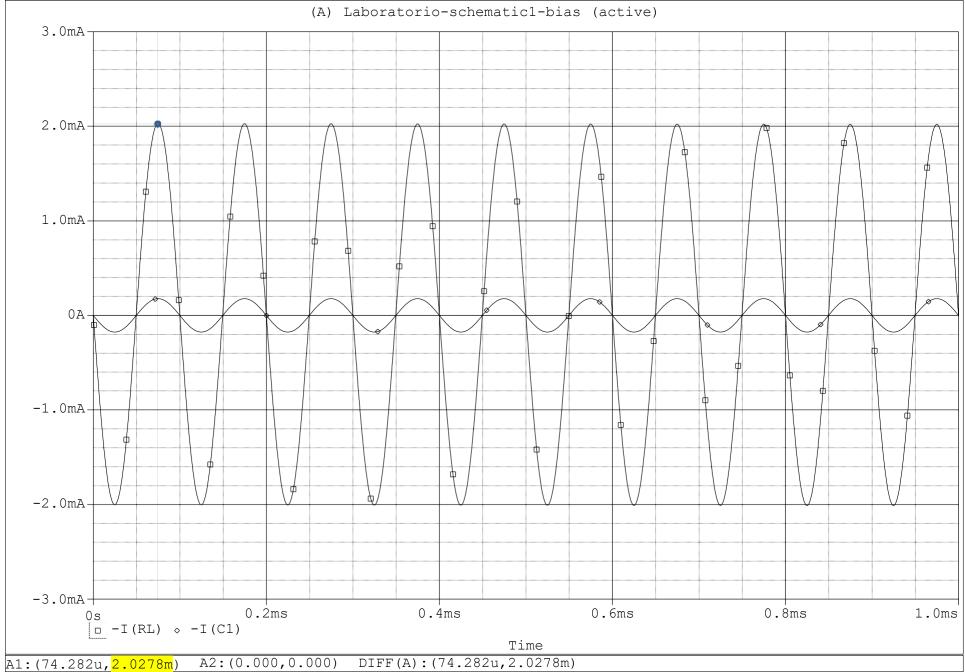
176.670uA

Date/Time run: 04/08/21 21:10:53 Temperature: 27.0

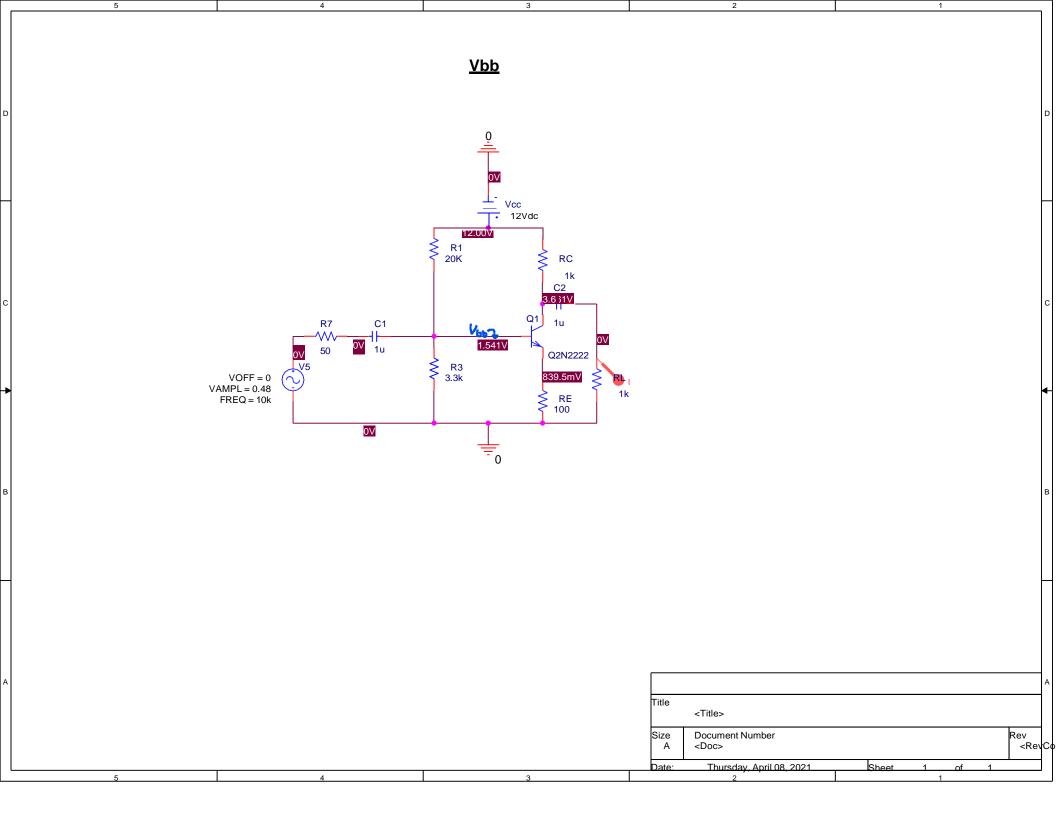


A1: (75.282u, 176.670u) A2: (0.000, 0.000) DIFF (A): (75.282u, 176.670u)

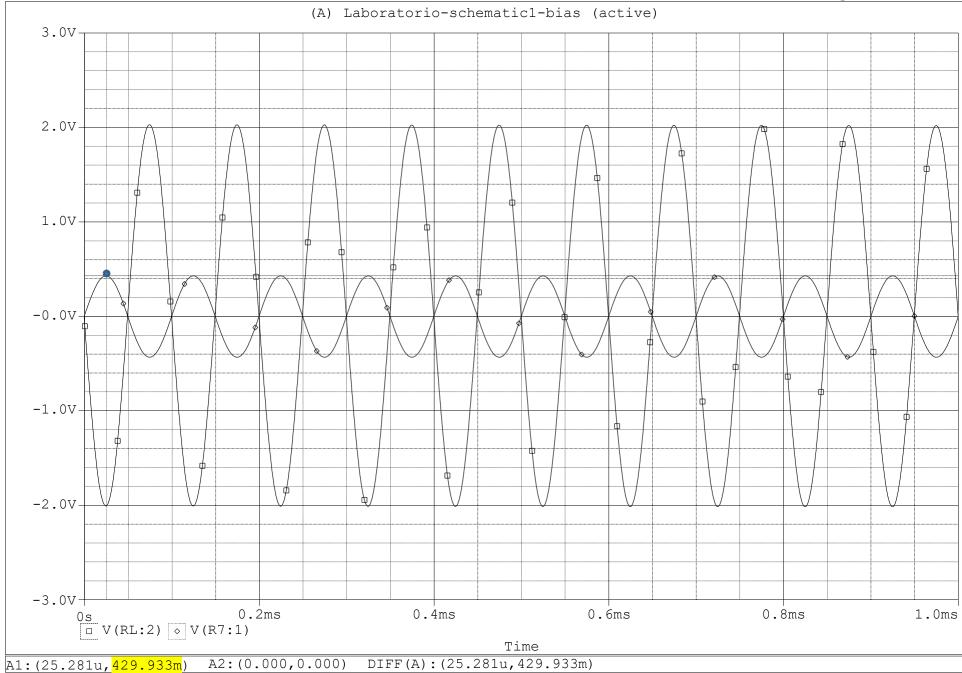
Date/Time run: 04/08/21 21:10:53 Temperature: 27.0



Time: 21:16:32 Page 7 Date: April 08, 2021



Date/Time run: 04/08/21 21:06:17 Temperature: 27.0

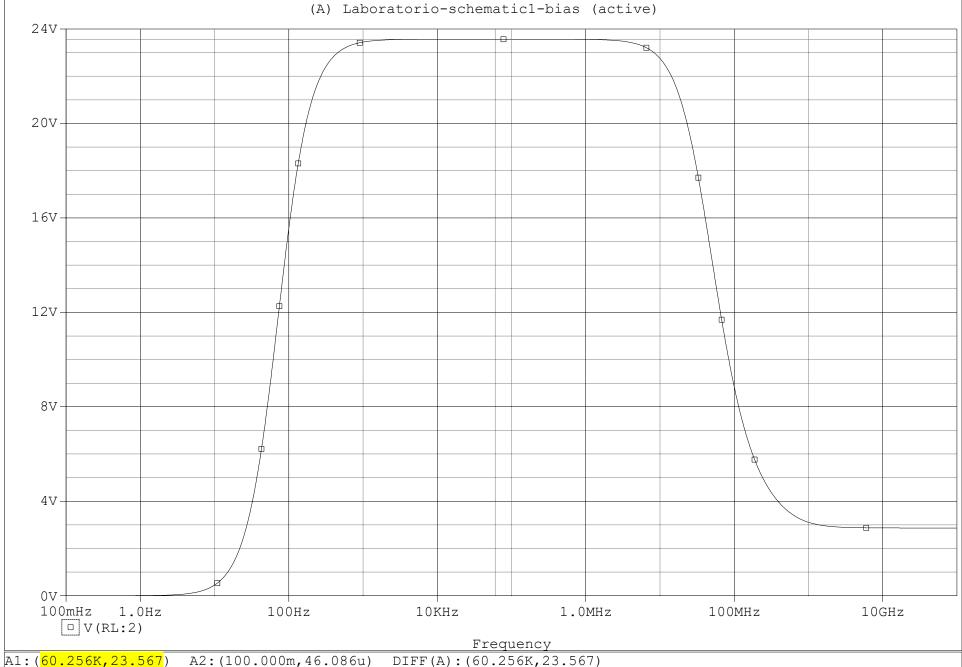


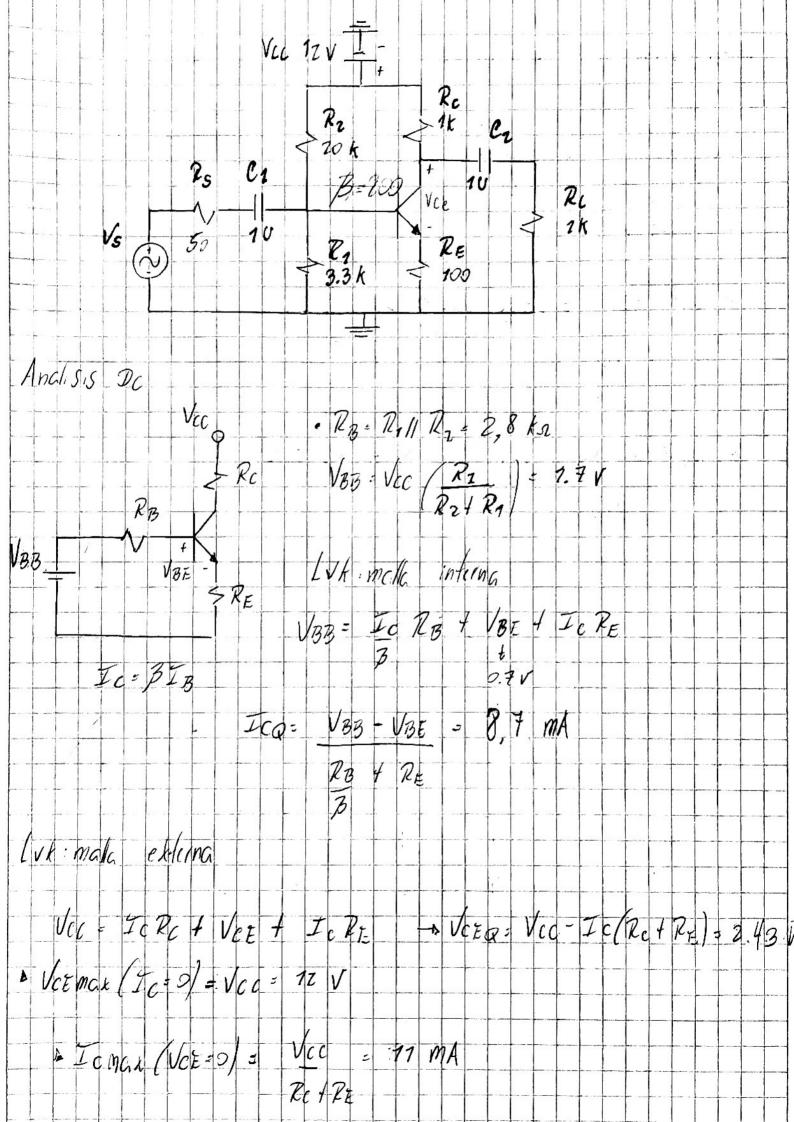
2.0278V
Temperature: 27.0

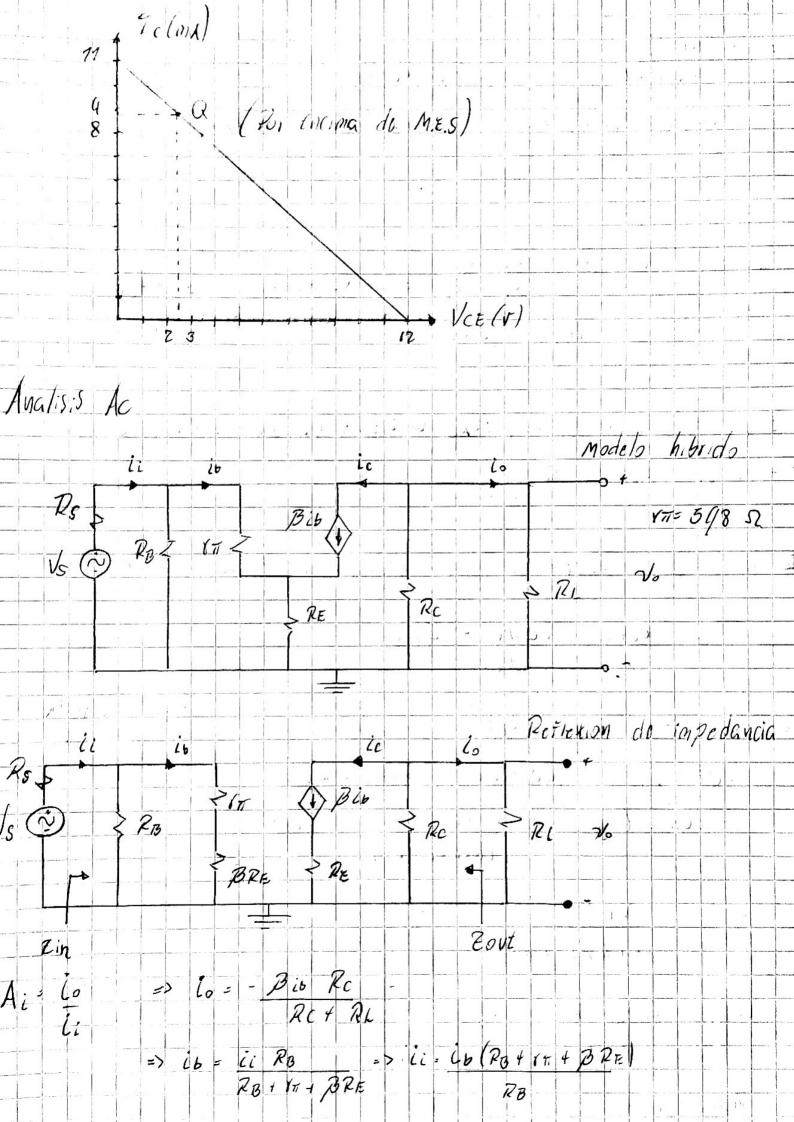
2.0V-1.0V--0.0V--1.0V ф -2.0V--3.0V □ V(RL:2) ◊ V(R7:1) Time A1: (74.282u, 2.0278) A2: (0.000, 0.000) DIFF(A): (74.282u, 2.0278)

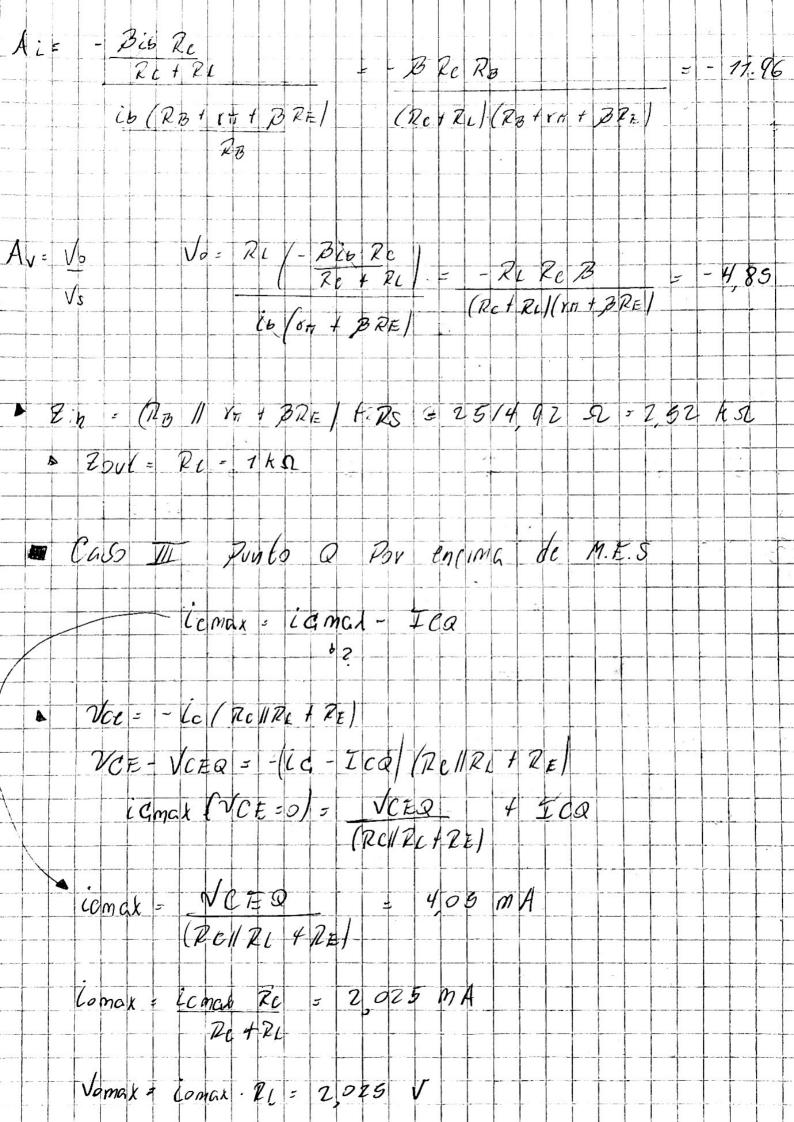
Frecuencia Max 60.256KHz

Date/Time run: 04/09/21 09:49:01 Temperature: 27.0









FL= Nomal 2,025, = 2290,3.1 W 2050,3 MW