

Universidad de las Fuerzas Armadas

“ESPE”

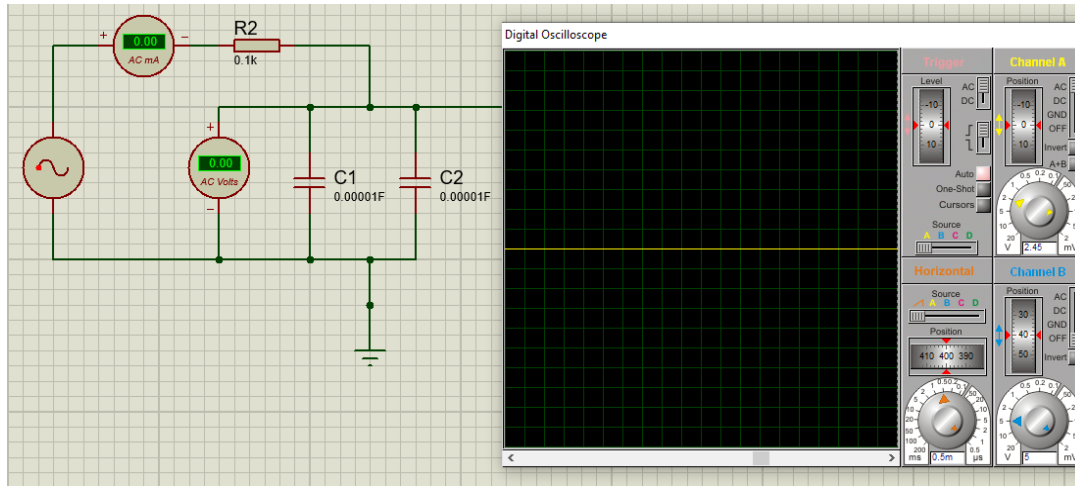
Integrantes: Jonathan Guaman / Johan Flores

Laboratorio #8

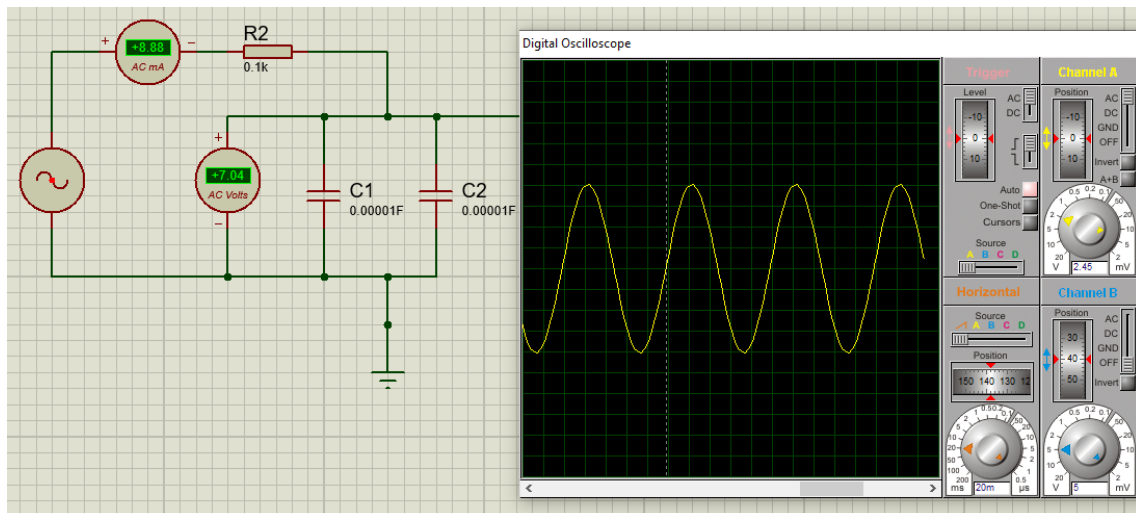
(Inductores y Capacitores)

CAPACITORES:

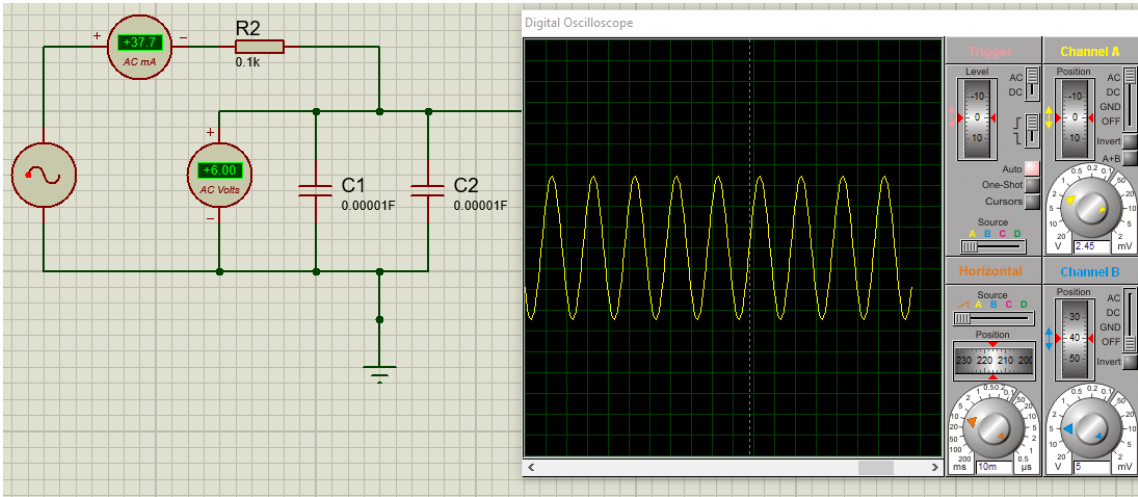
–Con respecto a 0 Hz



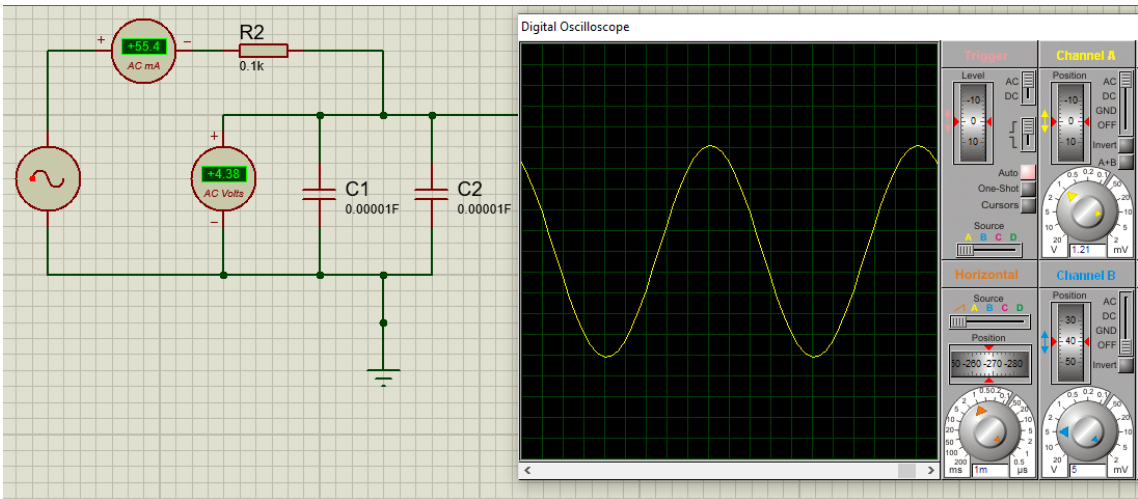
–Con respecto a 10 Hz



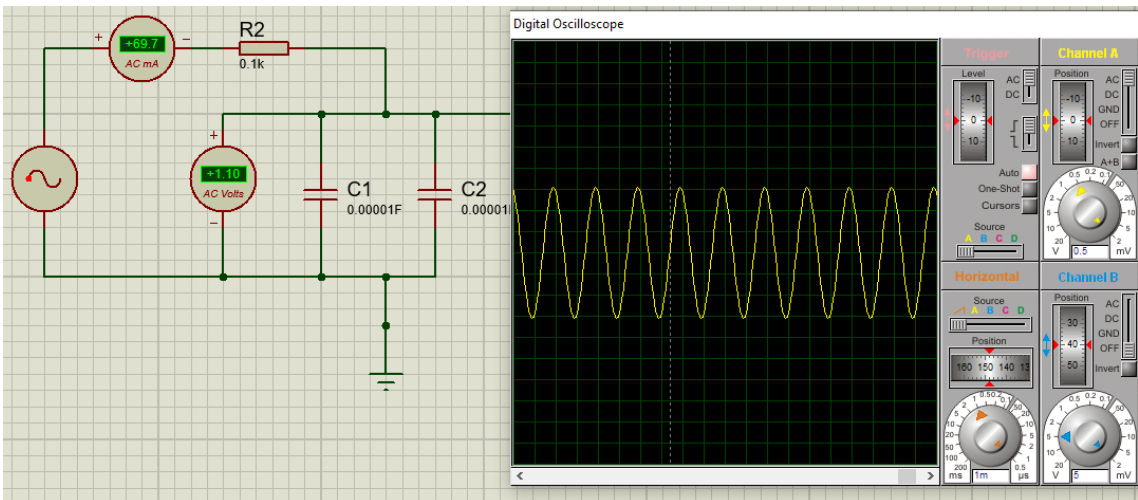
–Con respecto a 50 Hz:



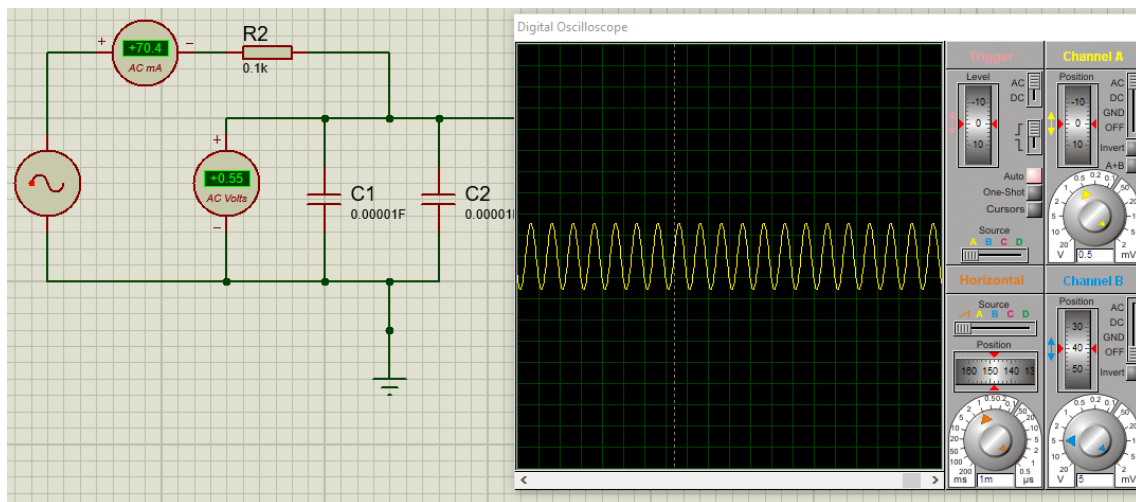
–Con respecto a 100 Hz



–Con respecto a 500 Hz

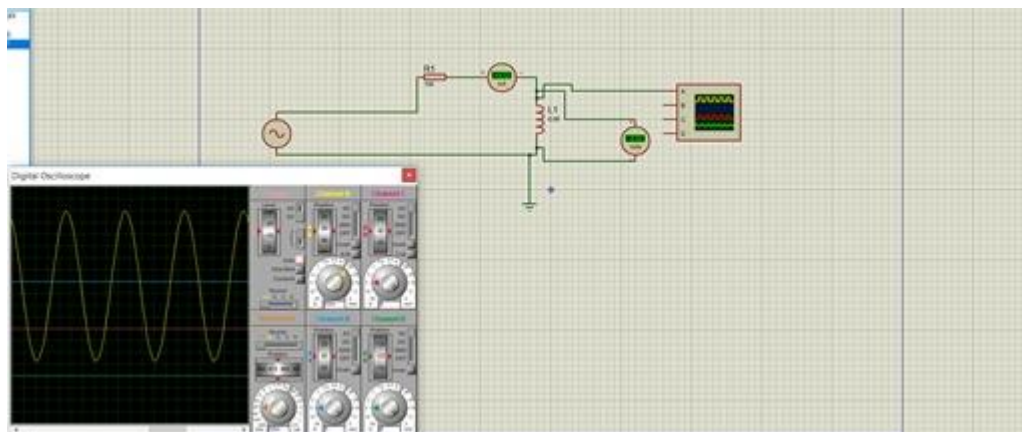


– Con respecto a 1000 Hz

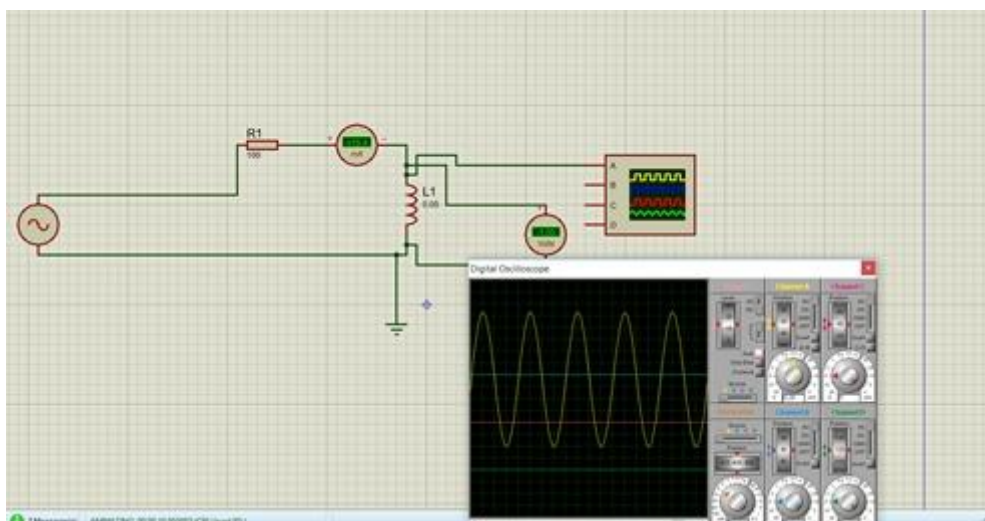


INDUCTORES:

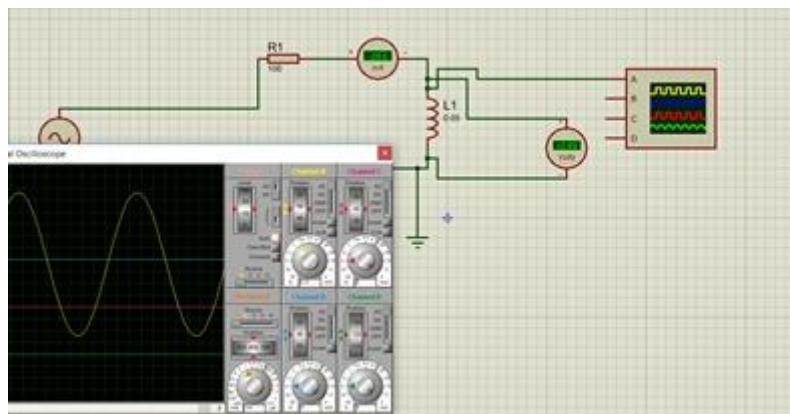
– Con respecto a 10 Hz:



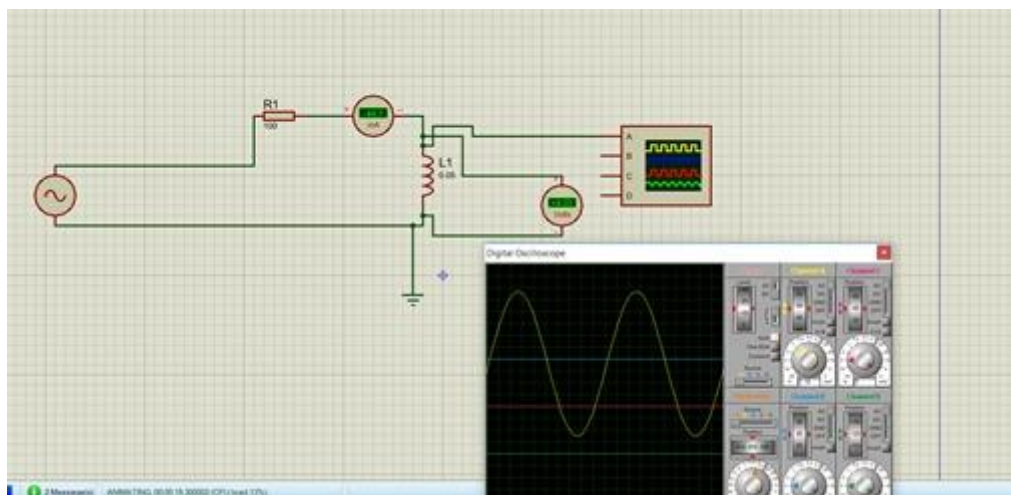
– Con respecto a 50 Hz:



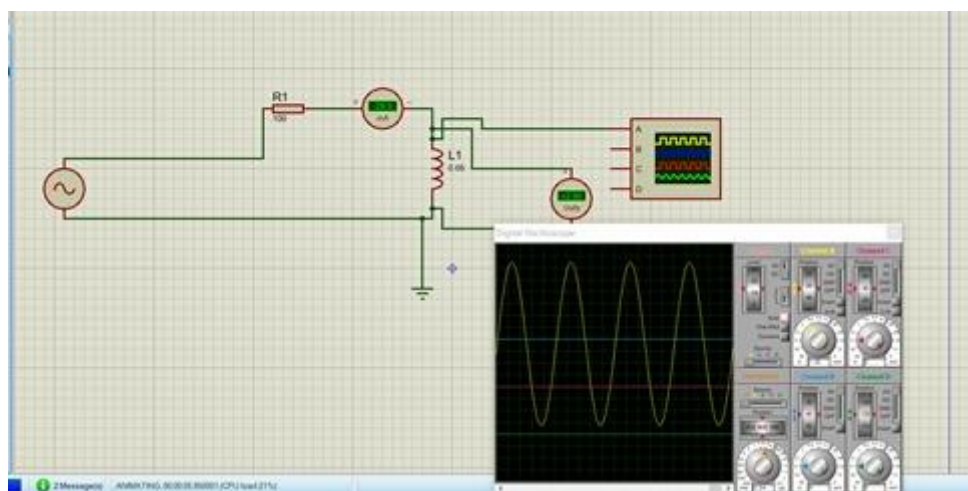
–Con respecto a 100 Hz



–Con respecto a 500 Hz



– Con respecto a 1000 Hz



INDUCTORES

Frecuencia:	V_{Op}	V_{rms}	I_{R1}
0	0 V	0 V	0 mA
10	0.9 V	0.32 V	3.12 mA
50	4.38 V	1.55 V	15.4 mA
100	2.89 V	8.17 V	28.6 mA
500	12.8 V	4.55 V	44.7 mA
1000	8.26 V	2.92 V	28.5 mA

CAPACITORES

Frecuencia:	V_{Op}	V_{rms}	I_{R1}
0	0 V	0 V	0 mA
10	9.8 V	7.04 V	8.88 mA
50	8.47 V	6 V	37.7 mA
100	6.05 V	4.38 V	55.4 mA
500	1.5 V	1.1 V	69.7 mA
1000	0.78 V	0.55 V	70.4 mA