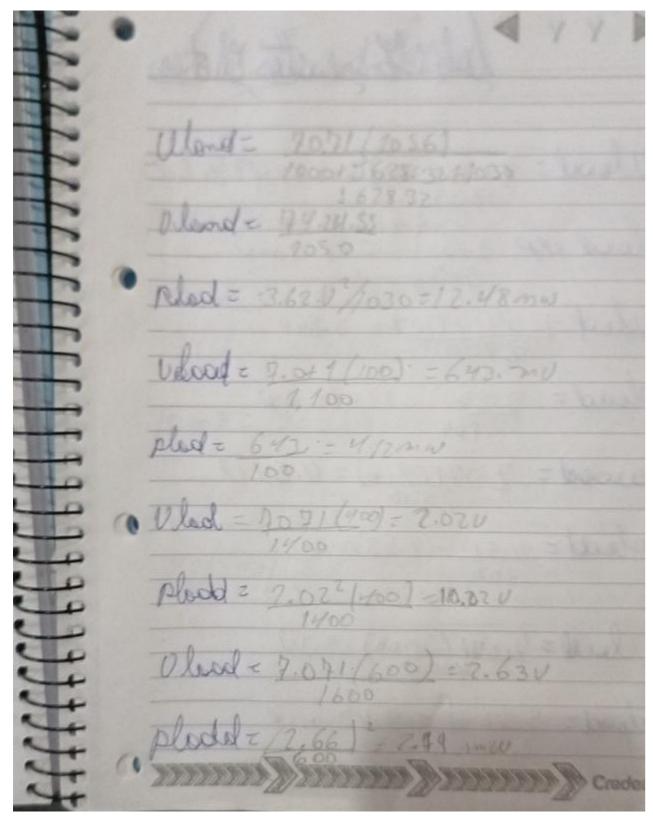
1 / Dlab: Lineuter Eletico 3.87 = 12:48 mW

los: Love de Clethelis 10 mp: xc=/1/pmp.//200/1000 = 159/15 75.45/37.42/ /1030-T/59135)= P=(5.90)(31.47) mues -3159-35 =

lab: Essentis XL=2010 mH. 10Bg - 3628.32 200= (1/17) (0)(1 NF) (10K7/2)=5 159.13 723= 2/23= (2200) (6100+ 5446.17) 19.33+52 2200+ 5000+5469.17 19.33+5217.62 VALLY= V20. (RI+TXE) 6.701-50,0954

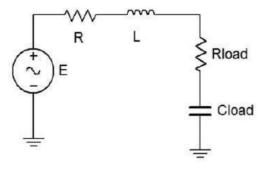
lab: Essentis XL=2010 mH. 10Bg - 3628.32 200= (1/17) (0)(1 NF) (10K7/2)=5 159.13 723= 2/23= (2200) (6100+ 5446.17) 19.33+52 2200+ 5000+5469.17 19.33+5217.62 VALLY= V20. (RI+TXE) 6.701-50,0954

1 / Dlab: Lineuter Eletico 3.87 = 12:48 mW



Esquema Table 12.2

Variable Cload



Cload	<u>Vload</u> Theory	Vload Exp	Pload Exp
1nF	7.31V	7.31V	225uW
3.3nF	7.47V	1.61V	2.5mW
10nF	5.95V	5.93V	10.33mW
33nF	3.97V	3.94V	12.42mW
47nF	3.78V	3.74V	12.2mW
1μF	3.57	3.55V	11.84mW

**Table 12.3** 

# Fotos de

Figure 12.1

### multisim

#### **Data Tables**

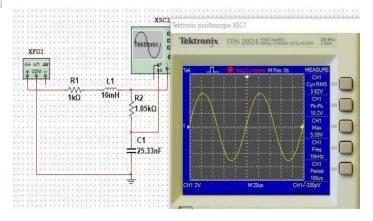
Zsource	1223.64∠30.90 1223.64∠-30.90	
Zload	1.05kΩ	
Rload		
Cload	25.33nF	

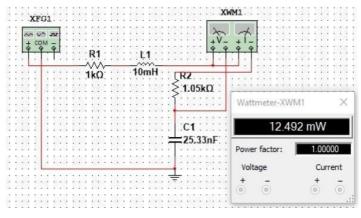
# Variable Rload

1.5k $\Omega$ 

# Table 12.1 Variable Rload

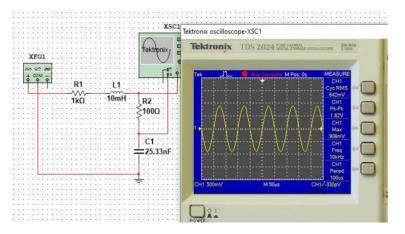
Rload	Vload Theory	Vload Exp	Pload Exp
1.05kΩ	3.62V	3.62V	12.48mW
100Ω	643mV	642mV	4.12mW
400Ω	2.02V	2.02V	10.2mW
600Ω	2.65V	2.66V	11.79mW
800Ω	3.14V	3.15V	12.4mW
1.2kΩ	3.86V	3.87V	1248mW
1.8kΩ	4.54V	4.56V	11.55mW
3kΩ	5.3V	5.32V	9.43mW
10kΩ	6.43V	6.42V	4.12mW

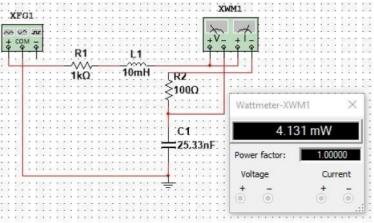


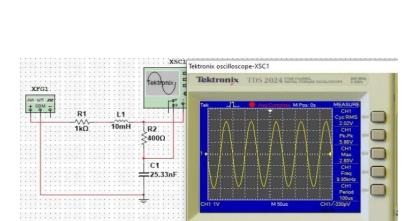


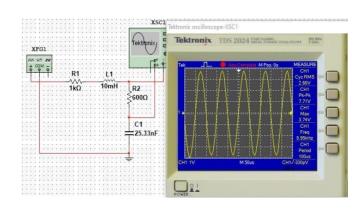
 $100\Omega$ 

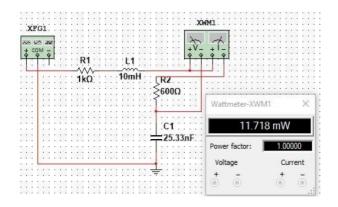
 $600\Omega$ 



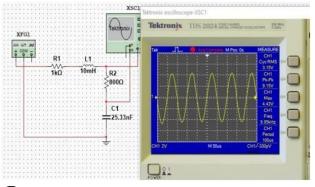




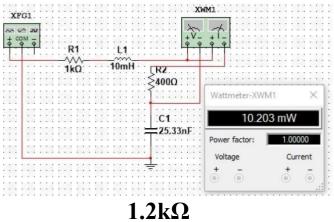


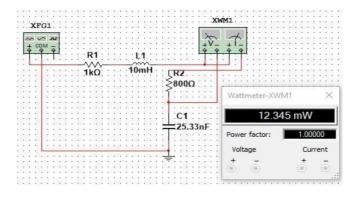


### $\Omega 008$

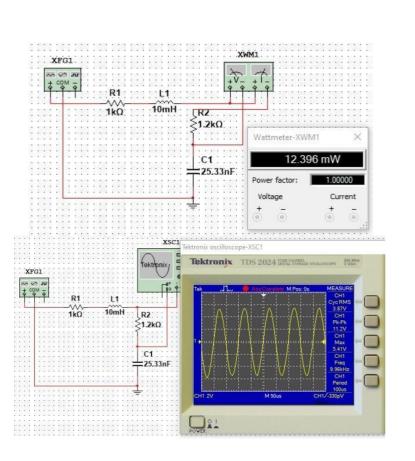


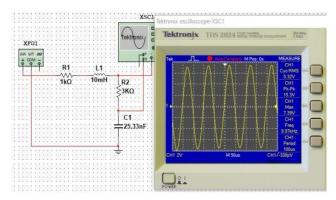
 $400\Omega$ 

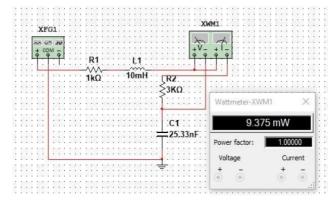




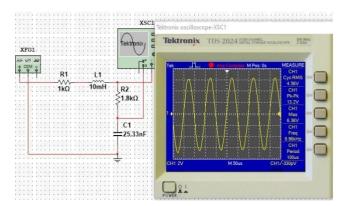
# $3\mathrm{k}\Omega$



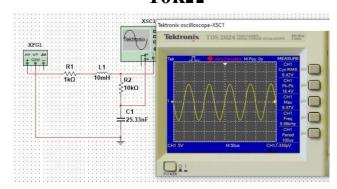


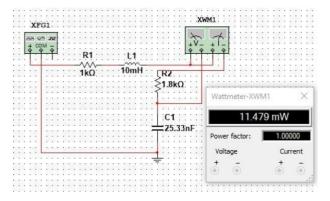


# $1.8 \mathrm{k}\Omega$



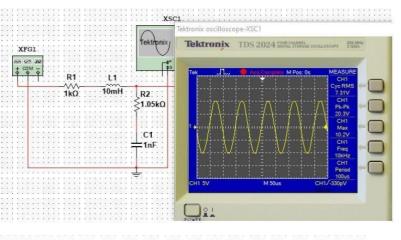
# $10 \mathrm{k}\Omega$

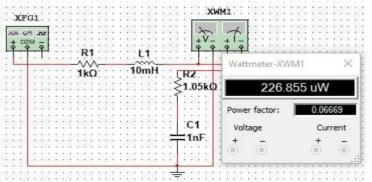




Variable Cload 1nF

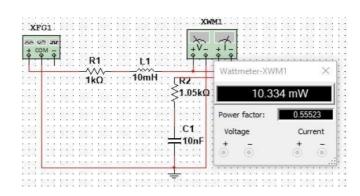
**10nF** 



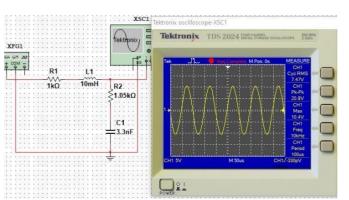


XFG1

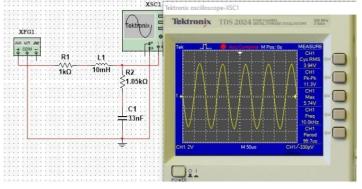
Tektronix TDS 2024 Signal Challenge of Collection Collection

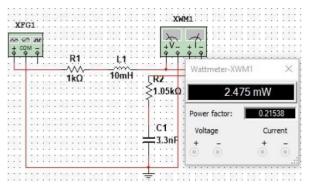


3.3nF



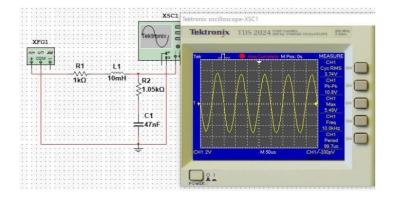
33nF





| XVM1 | XVM1 | XVM1 | XVM |

47nF



Generate a plot of Pload with respecto to Rload and another of Pload with respect to Cload.

