

Datas tables

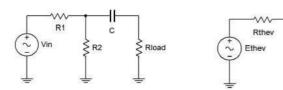


Tabla 11.1

Figure 11.1	Figure 11.2	
Vload Theory	218mV	
Vload Original	227mV	

Tabla 11.2

	Theory	Experimental	%Deviation
EThevenin	450mV	437mV	2.9%
ZThevenin	891.89-	891.89-	0%
Vload Theory		218r	mV -
Vload Original		221r	mV
Vload Thevenin		188mV	
%Deviation		19.4	1%

4//0 Prostor de Therenin table H.I 227.7067 (00% 4.17% tille 11.2 455-436 X/00/27.33 tables 11.3 Co tables 17.4

lab: Enluts XL=70.10 mH. 10An - 4628.32 2002/41 (0)(1 UF) (0K7/2)=5 184.13 2/23= (2200) (6100+ J446.17) 3325 7 2200+1000+1464.17 VAILY= V23- (N) +7Xe) 1.704-700954 18m411-3107

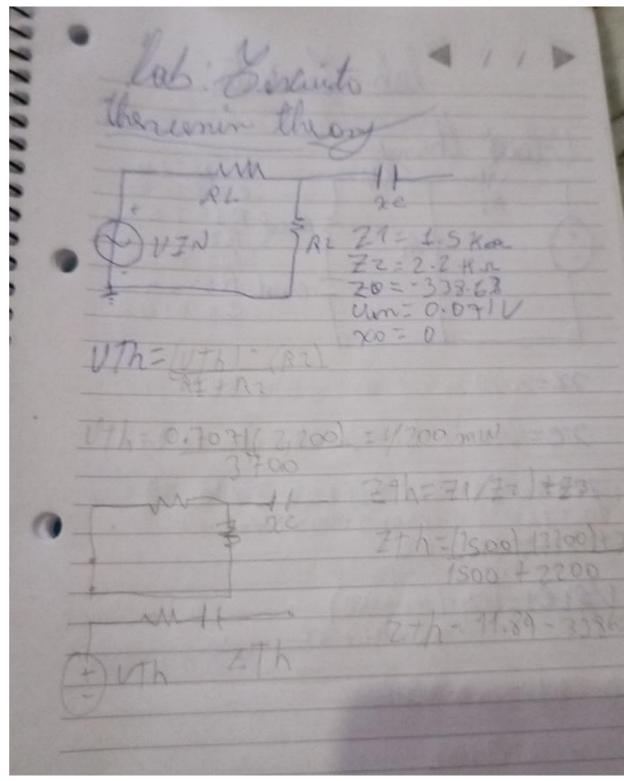


Table 11.3

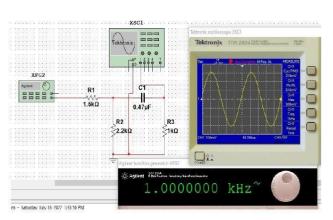
	Theory	Experimental	%Deviation
EThevenin	450mV	431mV	2.6%
ZThevenin	891.89-	891.89-	0%
	J628.32	J628.32	

Vload Thevenin

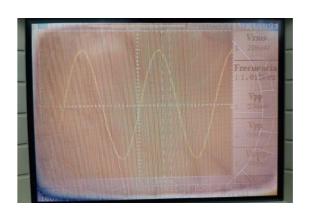
Fotos en físico y en multisim C **Vload original**

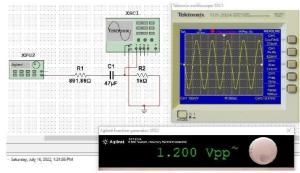






Vload Thevenin B

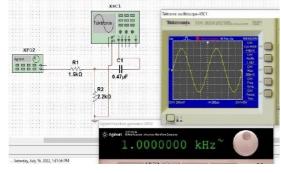




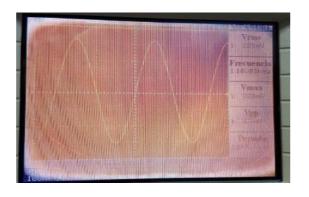
Thevenin

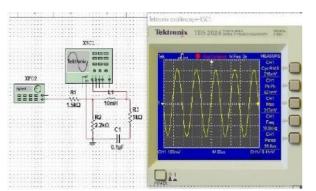
 \mathbf{E}

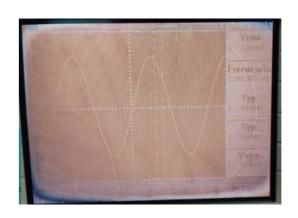


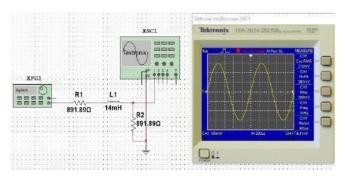


Vload original



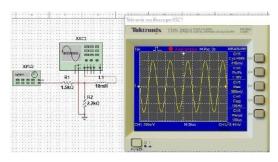






E Thevenin





Preguntas

1. How does the AC version of Thevenins Theorem with the DC Version?

La diferencia es que en DC se busca la resistencia equivalente y en AC se busca la impedancia equivalente.

2. Would the Thevenin equivalent circuits be altered if the source frecuency was changed? If so, why?

Sí, se puede alterar si se cambia la frecuencia, ya que la reactancia de los capacitores e inductores cambiaria, esto provocaría que la

> impedancia sea diferente y el voltaje de Thevenin como la impedancia de Thevenin se verían afectados.

3. Based on the results of this exercise, would you expect Nortons Theorem AC to behave similary to its DC case?

Sí, para buscar la impedancia de Thevenin sería el mismo método y la corriente. Lo único que tendríamos serian ángulos y módulos diferentes.