

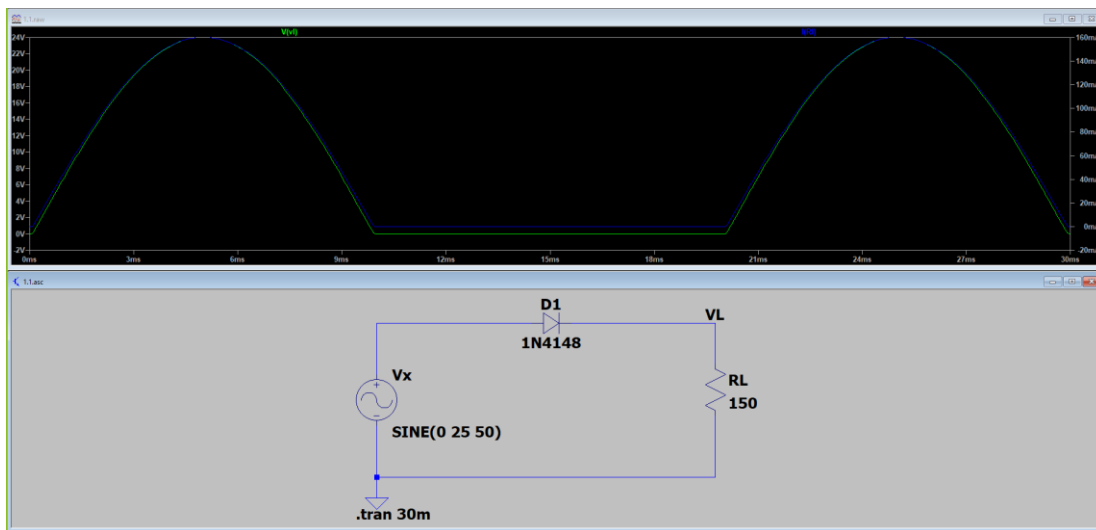


DENEY RAPORU

Deney Adı	Linear Power Supplies
Deneyi Yaptıran Ar. Gör.	Okan Ertürk
Raporu Hazırlayan (İsim / Numara / Bölüm)	Ö. Malik Kalembaşı / 150180112 / Computer Engineering
Grup Numarası ve Deney Tarihi	C3 / 10.03.2021

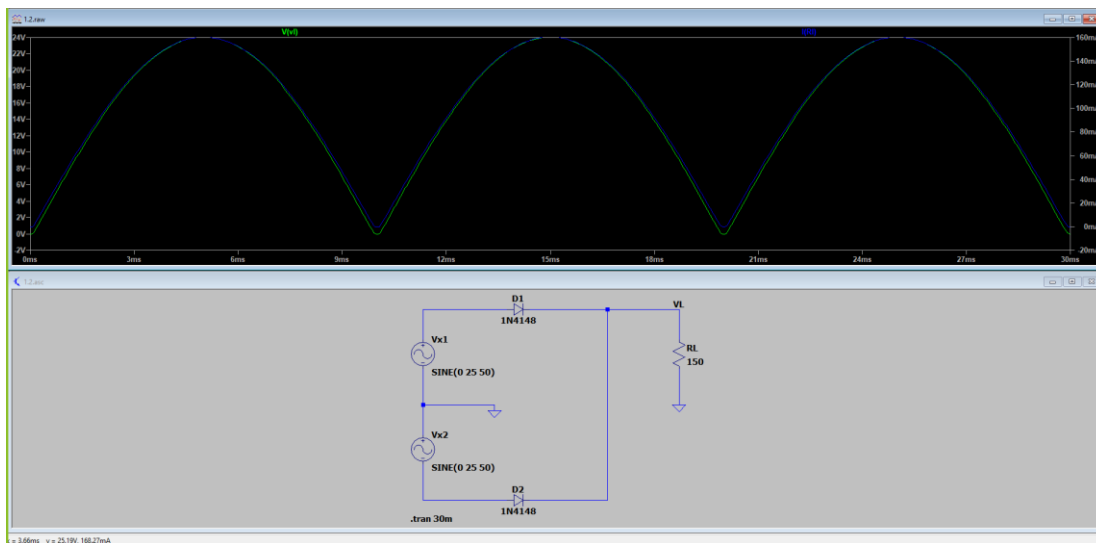
Rapor Notu	Teslim Edildiği Tarih	Teslim Alındığı Tarih
	10.03.2021	

Deney 1.1



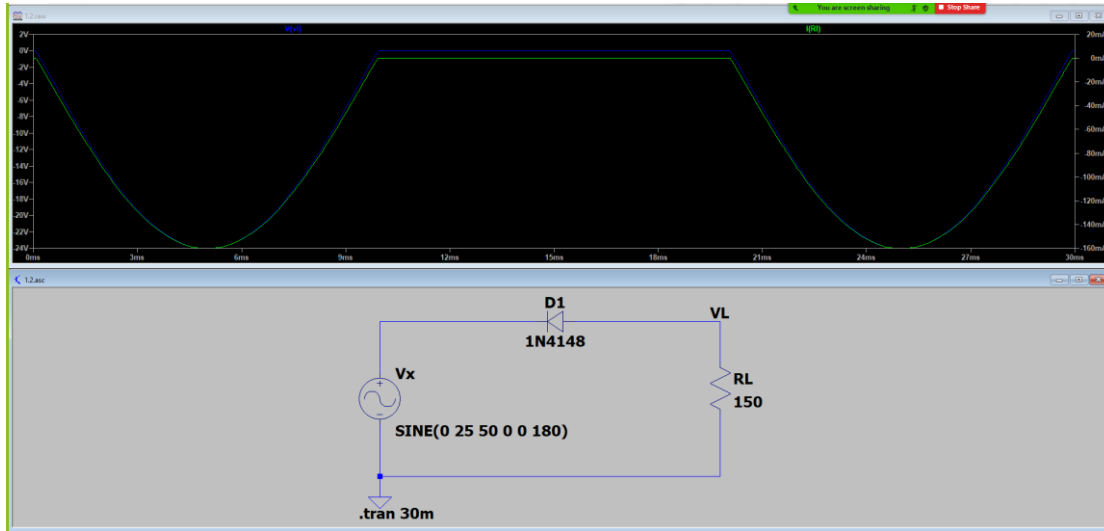
The circuit is Positive Half-wave Rectifier. While diode allows to current flows according to positive direction, $V(RL)$ and $I(RL)$ proportionally rises and flows.

Deney 1.2



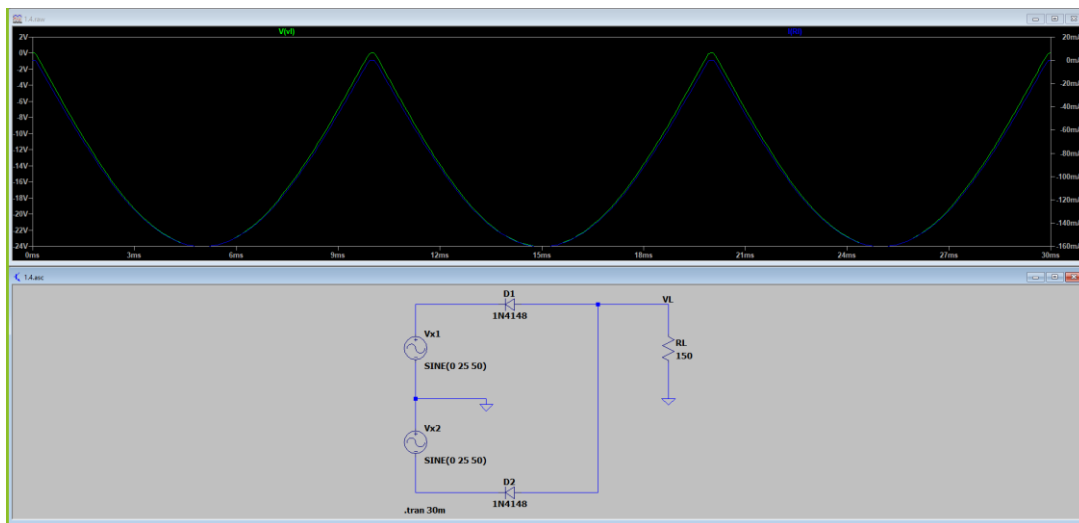
The circuit is positive Full-wave Rectifier. In full-wave rectifier there are 2 diodes and negative direction also allows to current flows.

Deney 1.3



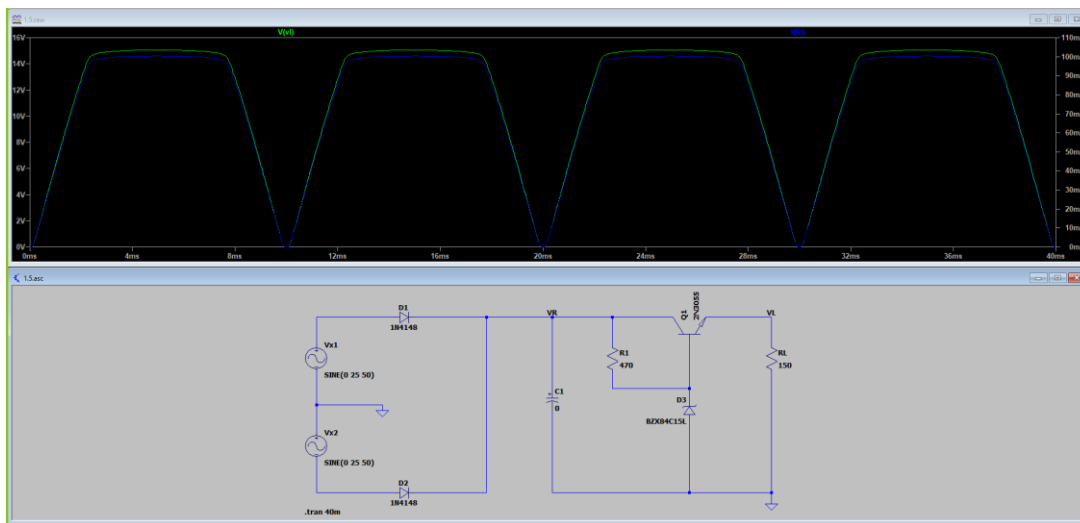
The circuit is Negative Half-wave Rectifier. It is similar to experiment 1.1, just diodes direction is changed. Values changed negatively too.

Deney 1.4

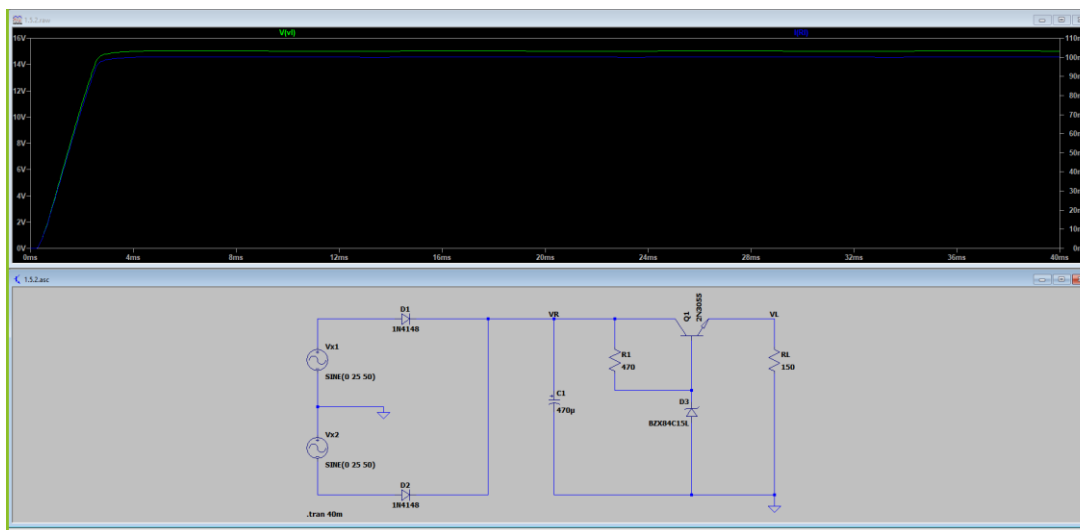


The circuit is negative full-wave rectifier. It is similar to experiment 1.2, just directions changed.

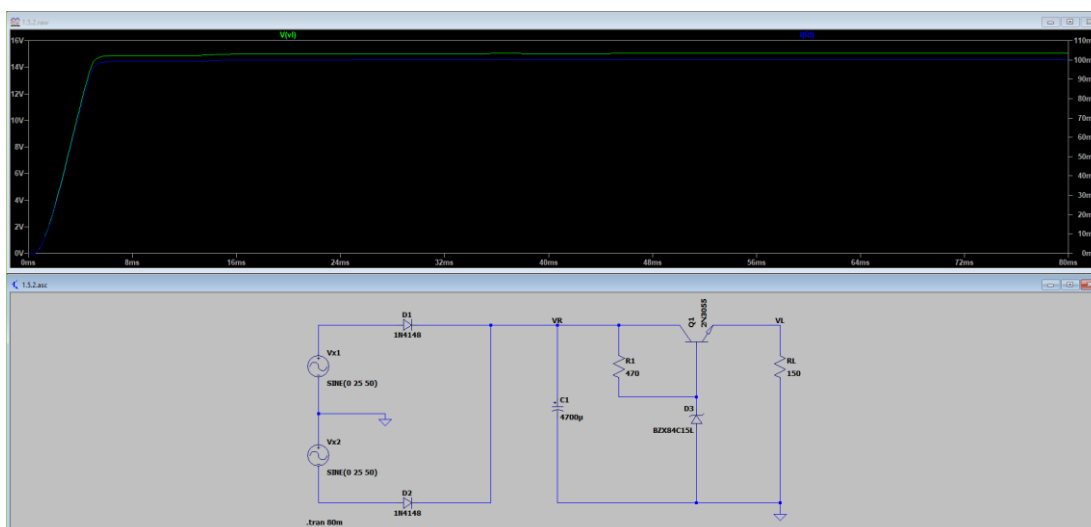
Deney 1.5 (c1)



Deney 1.5 (c2)



Deney 1.5 (c3)



The higher capacitance values, the smoother the graph. More stable.