



$I_{L1}[0,2]$	202.56mA / -168.13°
$I_{R1}[3,1]$	202.56mA / -168.13°
$I_{R2}[1,0]$	159.3mA / 153.72°
$I_{VG1}[3,2]$	202.56mA / 11.87°
$V_{C1}[1,0]$	7.97V / 153.72°
$V_{L1}[0,2]$	63.64V / -78.13°
$V_{R1}[3,1]$	6.08V / -168.13°
$V_{R2}[1,0]$	7.97V / 153.72°
$V_{VG1}[3,2]$	60V / -90°
$V_{VM1}[0,2]$	63.64V / -78.13°
$VM1$	63.64V
VP_1	7.97V / 153.72°
VP_2	63.64V / 101.87°
VP_3	13.29V / 170.13°

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☒ Nodal Voltages
 ☒ Currents

☒ Other Voltages
 ☒ Outputs

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$$\text{In[*]:= } \mathbf{vs = 60 * Cos[200 * t - Pi / 2]}$$

[coseno]
[número t]

$$\text{Out[*]:= } 60 \sin[200 t]$$

$$\text{In[*]:= } \mathbf{V = 60 * e^{(-Pi / 2 * i)}}$$

[número pi]

$$\text{Out[*]:= } -60 i$$

$$\text{In[*]:= } \mathbf{z1 = 30}$$

$$\text{Out[*]:= } 30$$

$$\text{In[*]:= } \mathbf{z2 = 50}$$

$$\text{Out[*]:= } 50$$

$$\text{In[*]:= } \mathbf{z3 = -i / (50 * 10^{-6} * 200)}$$

$$\text{Out[*]:= } -100 i$$

$$\text{In[*]:= } \mathbf{z4 = i * 1 / 10 * 200}$$

$$\text{Out[*]:= } 20 i$$

$$\text{In[*]:= } \mathbf{z5 = z2 * z3 / (z2 + z3)}$$

$$\text{Out[*]:= } 40 - 20 i$$

$$\text{In[*]:= } \mathbf{z = z1 + z4 + z5}$$

$$\text{Out[*]:= } 70$$

$$\text{In[*]:= } \mathbf{Is = V / z}$$

$$\text{Out[*]:= } -\frac{6 i}{7}$$

$$\text{In[*]:= } \mathbf{Vo = Is * 200 * i * 1 / 10}$$

$$\text{Out[*]:= } \frac{120}{7}$$