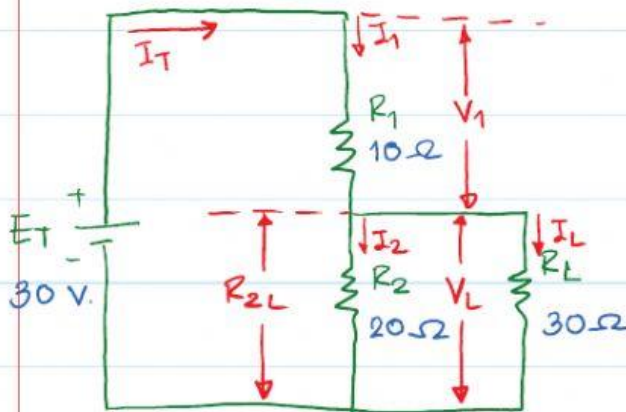


แบ่งแรงดันแบบมีภาระ

21 กรกฎาคม 2564 10:39



หากรู้พจน์ I_T, I_2, I_L, V_1, V_L

Solⁿ

$$R_{2L} =$$

$$R_T =$$

$$I_T =$$

$$V_1 =$$

$$V_L =$$

$$I_2 =$$

$$I_L =$$

$\frac{V_L}{R_L}$	$\frac{E_T}{R_T}$	$\frac{30V}{22\Omega} \times 12\Omega$
12Ω		$13.63V$
$R_1 + R_{2L}$		$16.37V$
$1.363A$		

$$\frac{R_2 R_L}{R_2 + R_L}$$

$$\frac{30V}{22\Omega}$$

$$\frac{E_T \times R_{2L}}{R_T}$$

$$\frac{16.37V}{30\Omega}$$

$$\frac{16.37V}{20\Omega}$$

$$\frac{E_T \times R_1}{R_T}$$

$$\frac{V_L}{R_2}$$

$$0.55A$$

$$0.82A$$

$$22\Omega$$