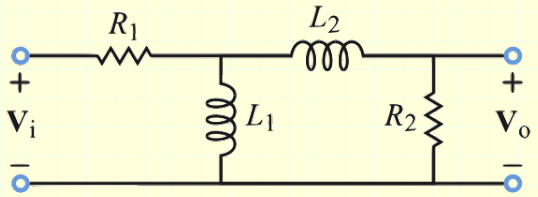
Problem 3.30 :

Given: The values $R_1 = 1\Omega, R_2 = 2\Omega, L_1 = 1mH$, and $L_2 = 2mH$; and given the circuit below



Find:

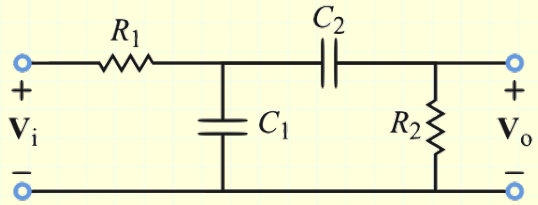
a. $H(s) = \frac{V_o}{V_i}$

b. $h(t)$

Answer Section

Problem 3.31 :

Given: The values $R_1 = 1\Omega$, $R_2 = 2\Omega$, $C_1 = 1\mu F$, and $C_2 = 2\mu F$; and given the circuit below



Find:

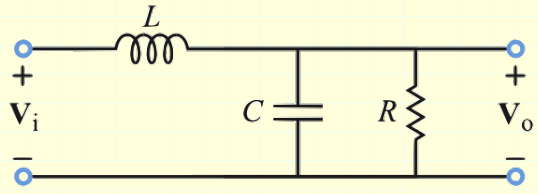
a. $H(s) = \frac{V_o}{V_i}$

b. $h(t)$

Answer Section

Problem 3.32 :

Given: The values $R = 5\Omega$, $L = 0.1mH$, and $C = 1\mu F$; and given the circuit below



a. $H(s) = \frac{V_o}{V_i}$

b. $h(t)$

Find:

Answer Section

Problem 3.33 :

Given:
Find:

Answer Section

Problem 3.36 :

Given:
Find:

Answer Section

Problem 4.8 :

Given:
Find:

Answer Section

Problem 4.9 :

Given:
Find:

Answer Section

Problem 4.11 :

Given:
Find:

Answer Section

Problem 4.32 :

Given:
Find:

Answer Section

Problem 11. :

Given:
Find:

Answer Section