

Unit 10 - Two Port Network

Course outline

How to access the portal

Unit 0

Basic Circuit Elements and Waveforms

Mesh and Node Analysis

Network Theorems -1

Network Theorems -2

First Order and Second Order Circuits

Laplace Transform and its Application

Circuit Analysis Using Laplace Transform

Two Port Network

Impedance Parameters

Admittance Parameters

Hybrid Parameters

Transmission Parameters

Interconnection of Networks

Quiz : Assignment 8

Assignment 8 - Solution

Sinusoidal Steady State Analysis - 1

Sinusoidal Steady State Analysis - 2

State Variable Analysis

Analogous Systems

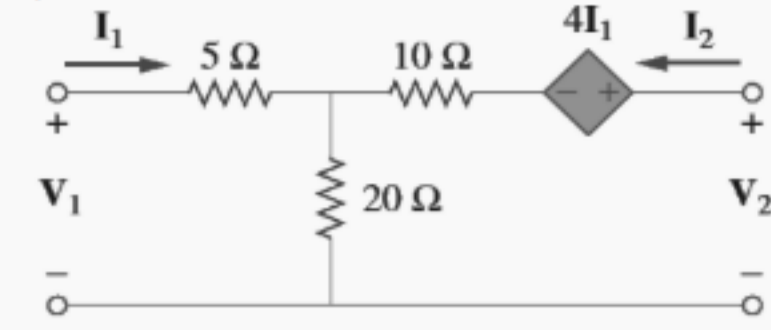
Assignment 8

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Due on 2019-09-25, 23:59 IST.

1) Determine z_{22} for the below circuit?

2 points



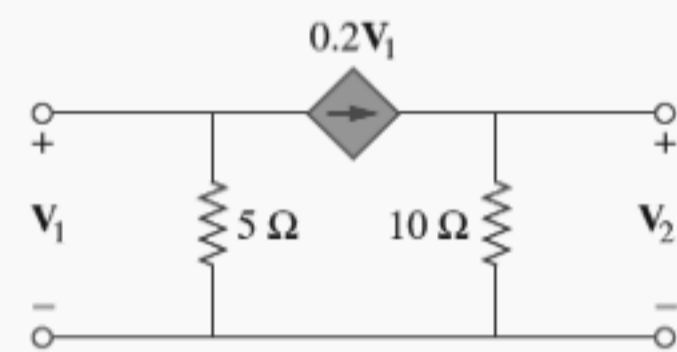
- 0Ω
- 10Ω
- 20Ω
- 30Ω

No, the answer is incorrect. Score: 0

Accepted Answers: 30Ω

2) Determine y_{12} for the below circuit?

2 points



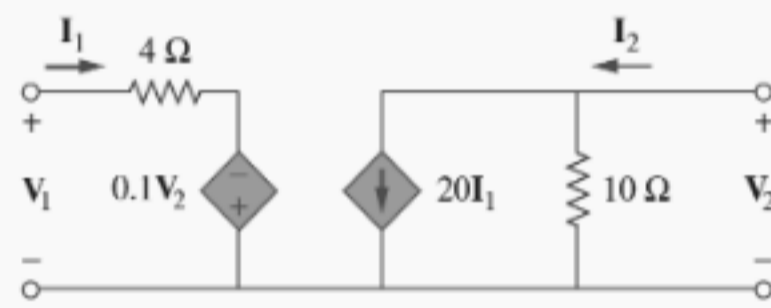
- 0S
- 10S
- 20S
- 30S

No, the answer is incorrect. Score: 0

Accepted Answers: 0S

3) Determine y_{22} for the below circuit?

2 points



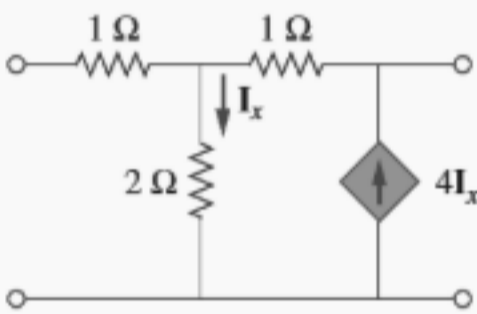
- 0S
- 0.6S
- 1.2S
- 2.4S

No, the answer is incorrect. Score: 0

Accepted Answers: 0.6S

4) Determine the transmission parameter C for the below circuit?

0 points



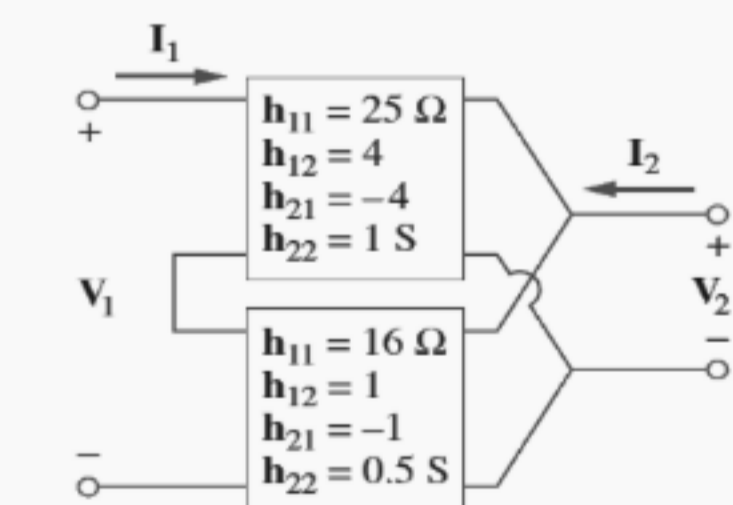
- 1S
- 2.5S
- 2.5S
- 1S

No, the answer is incorrect. Score: 0

Accepted Answers: -2.5S

5) Determine the transmission parameter z_{22} for the below circuit?

2 points



- 0.66Ω
- 0.33Ω
- 0.99Ω
- 1.33Ω

No, the answer is incorrect. Score: 0

Accepted Answers: 0.66Ω