Mindluster Platform

About the course Two Port Networks in Network Theory

Two Port Networks course, In this course explore the fundamentals of Two Port Networks, vital in electrical and electronic system analysis and design.

Engineering Category's Courses

Course Lesson(41)

Lesson 1 : **Introduction to Twoâˆ’Port Networks**

Lesson 2 : **Zâˆ’Parameters or Impedance Parameters**

Lesson 3 : **Zâˆ’Parameters Solved Problem 1**

Lesson 4 : **Zâˆ’Parameters Solved Problem 2**

Lesson 5 : **Yâˆ’Parameters or Admittance Parameters**

Lesson 6 : **Yâˆ’Parameters to Zâˆ’Parameters Conversion**

Lesson 7 : **Zâˆ’Parameters to Yâˆ’Parameters Conversion**

Lesson 8 : **Yâˆ’Parameters Solved Problem 1**

Lesson 9 : **Yâˆ’Parameters Solved Problem 2**

Lesson 10 : **hâˆ’Parameters or Hybrid Parameters**

Lesson 11 : **hâˆ’Parameters to Zâˆ’Parameters Conversion and vice versa**

Lesson 12 : **hâˆ’Parameters to Yâˆ’Parameters Conversion and vice versa**

Lesson 13 : **hâˆ’Parameters Solved Problem**

Lesson 14 : **gâˆ’Parameters or Inverse Hybrid Parameters**

Lesson 15 : **Zâˆ’Parameters to gâˆ’Parameters Conversion and vice versa**

Lesson 16 : **ABCDâˆ’Parameters or Transmission Parameters**

Lesson 17 : **ABCDâˆ’Parameters to Zâˆ’Parameters Conversion and vice versa**

Lesson 18 : **ABCDâˆ’Parameters Solved Problem**

Lesson 19 : **Concept of Symmetry in Twoâˆ’Port Networks**

Lesson 20 : **Condition for Symmetry in Twoâˆ’Port Networks**

Lesson 21 : **Condition for Reciprocity in Twoâˆ’Port Networks Part 1**

Lesson 22 : **Condition for Reciprocity in Twoâˆ’Port Networks Part 2**

Lesson 23 : **Seriesâˆ’Series Interconnection of Twoâˆ’Port Networks**

Lesson 24 : **Parallelâˆ’Parallel Interconnection of Twoâˆ’Port Networks**

Lesson 25 : **Seriesâˆ’Parallel Interconnection of Twoâˆ’Port Networks**

Lesson 26 : **Parallelâˆ’Series Interconnection of Twoâˆ’Port Networks**

Lesson 27 : **Cascade Interconnection of Twoâˆ’Port Networks**

Lesson 28 : **Twoâˆ’Port Network Important Shortcuts**

Lesson 29 : **Bartlett s Bisection Theorem**

Lesson 30 : **Twoâˆ’Port Networks Solved Problem 1**

Lesson 31 : **Twoâˆ’Port Networks Solved Problem 2**

Lesson 32 : **Twoâˆ’Port Networks Solved Problem 3**

Lesson 33 : **Twoâˆ’Port Networks Solved Problem 4**

Lesson 34 : **Twoâˆ’Port Networks Solved Problem 5**

Lesson 35 : **Twoâˆ’Port Networks Solved Problem 6**

Lesson 36 : **Open Circuit Short Circuit Impedances In Terms of ABCD Parameters**

Lesson 37 : **Twoâˆ’Port Networks Solved Problem 7**

Lesson 38 : **Twoâˆ’Port Networks Solved Problem 8**

Lesson 39 : **ABCDâˆ’Parameters of an Ideal Transformer**

Lesson 40 : **ABCDâˆ’Parameters of Gyrator**

Lesson 41 : **Practice Sheet 2 | Two Port Networks | Network Theory**

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