Mindluster Platform

About the course Sinusoidal Steady in Network Theory

Sinusoidal Steady course, in this course Explore the analysis of electrical circuits and dynamic systems under stable sinusoidal waveform conditions for practical engineering applications.

Engineering Category's Courses

Course Lesson(36)

Lesson 1 : **Sinusoidal Steady State Analysis Introduction**

Lesson 2 : **Sinusoids**

Lesson 3 : **Sinusoids Solved Problems**

Lesson 4 : **Phasors**

Lesson 5 : **Phasors Solved Problem 1**

Lesson 6 : **Phasors Solved Problem 2**

Lesson 7 : **Phasors Solved Problem 3**

Lesson 8 : **Phasor Relationship for Resistor**

Lesson 9 : **Phasor Relationship for Inductor**

Lesson 10 : **Phasor Relationship for Capacitor**

Lesson 11 : **Instantaneous Power in AC Circuits**

Lesson 12 : **Average Power in AC Circuits**

Lesson 13 : **Average Power in AC Circuits Solved Problem 1**

Lesson 14 : **Average Power in AC Circuits Solved Problem 2**

Lesson 15 : **Root Mean Square RMS Value**

Lesson 16 : **RMS Value Solved Problem**

Lesson 17 : **Apparent Power Power Factor**

Lesson 18 : **Power Factor Solved Problem**

Lesson 19 : **Complex Power Reactive Power**

Lesson 20 : **Complex Power Solved Problem**

Lesson 21 : **Power Triangle**

Lesson 22 : **Power Triangle Solved Problem**

Lesson 23 : **Phasor Diagram of Series RL Circuit**

Lesson 24 : **Phasor Diagram of Series RC Circuit**

Lesson 25 : **Phasor Diagram of Series RLC Circuit**

Lesson 26 : **Phasor Diagram of Parallel RL Circuit**

Lesson 27 : **Phasor Diagram of Parallel RC Circuit**

Lesson 28 : **Phasor Diagram of Parallel RLC Circuit**

Lesson 29 : **Sinusoidal Steady State Solved Question 1**

Lesson 30 : **Sinusoidal Steady State Solved Question 2**

Lesson 31 : **Sinusoidal Steady State Solved Question 3**

Lesson 32 : **Sinusoidal Steady State Solved Question 4**

Lesson 33 : **Sinusoidal Steady State Solved Question 5**

Lesson 34 : **RMS Average Values of Standard Waveforms**

Lesson 35 : **Sinusoidal Steady State Solved Question 6**

Lesson 36 : **Sinusoidal Steady State Solved Question 6**

Related courses

Cabinetry Basics

MFT and MFT related accessories

hinges workshops

CNC Computer numerical control

Jointing Systems

Cabinet tips

for Business Contact
business@mindluster.com