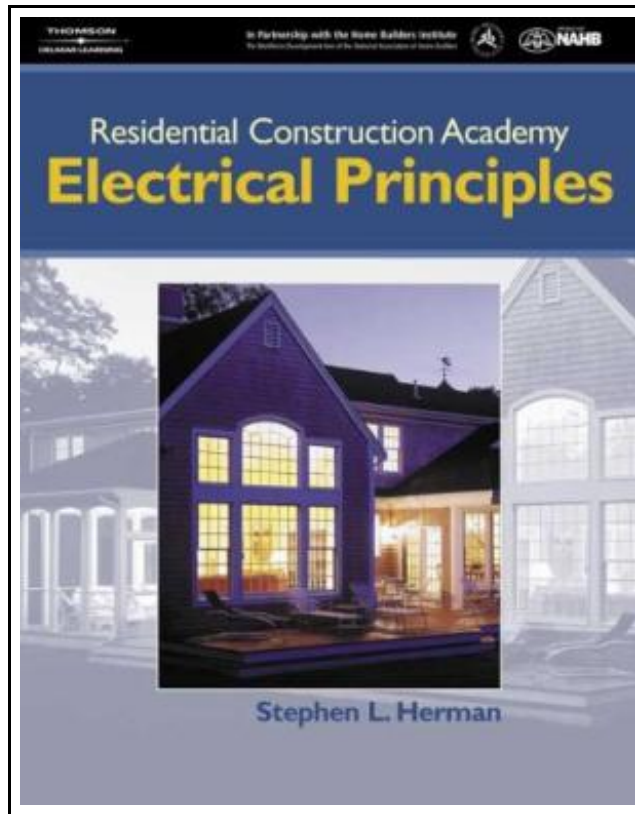


Residential Construction Academy: Electrical Principles (Residential Construction Academy Series)



Filesize: 2.37 MB

Reviews

Definitely one of the best book We have at any time go through. It is actually filled with wisdom and knowledge I am quickly could get a delight of studying a published book.

(Dr. Kim Bergnaum)

RESIDENTIAL CONSTRUCTION ACADEMY: ELECTRICAL PRINCIPLES (RESIDENTIAL CONSTRUCTION ACADEMY SERIES)

DOWNLOAD



To get **Residential Construction Academy: Electrical Principles (Residential Construction Academy Series)** eBook, remember to refer to the hyperlink under and save the document or get access to other information which might be related to **RESIDENTIAL CONSTRUCTION ACADEMY: ELECTRICAL PRINCIPLES (RESIDENTIAL CONSTRUCTION ACADEMY SERIES)** ebook.

Cengage Learning, 2002. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Section One Basic Electricity 1 Chapter 1 Safety 3 General Safety Rules 5 Effects of Electric Current on the Body 5 Protective Clothing 8 Ladders and Scaffolds 9 Fires 11 Ground Fault Circuit Interrupters 12 Grounding 13 Summary 14 Review Questions 14 Chapter 2 Basic Electrical Theory 19 Early History of Electricity 21 Atoms 21 The Law of Charges 23 Centrifugal Force 24 Electron Orbits 24 Valence Electrons 25 Electron Flow 26 Insulators 26 Methods of Producing Electricity 26 Summary 27 Review Questions 27 Chapter 3 Electrical Quantities and Ohm's Law 28 The Coulomb 30 The Amp 30 The Electron Theory 30 The Conventional Current Theory 30 Speed of Current 31 Basic Electrical Circuits 32 The Volt 33 The Ohm 33 The Watt 34 Other Measures of Power 35 Ohm's Law 36 Metric Units 39 Summary 39 Review Questions 40 Chapter 4 Resistors 41 Uses of Resistors 43 Fixed Resistors 43 Color Code 45 Standard Resistance Values of Fixed Resistors 48 Power Ratings 49 Variable Resistors 50 Schematic Symbols 51 Summary 52 Chapter 5 Series Circuits 54 Series Circuits 56 Voltage Drops in a Series Circuit 56 Resistance in a Series Circuit 57 Calculating Series Circuit Values 57 Solving Circuits 58 Voltage Dividers 64 The General Voltage Divider Formula 65 Voltage Polarity 65 Using Ground as a Reference 66 Summary 67 Review Questions 67 Chapter 6 Parallel Circuits 69 Parallel Circuit Values 71 Parallel Resistance Formulas 72 Summary 79 Review Questions 80 Chapter 7 Combination Circuits 82 Combination Circuits 84 Solving Combination Circuits 84 Simplifying the Circuit 84 Summary 96 Review Questions 96 Chapter 8 Measuring Instruments 99 Analog Meters 101 The Voltmeter 101 Multirange Voltmeters 102 Reading a Meter 103 The Ammeter...



[Read Residential Construction Academy: Electrical Principles \(Residential Construction Academy Series\) Online](#)



[Download PDF Residential Construction Academy: Electrical Principles \(Residential Construction Academy Series\)](#)

See Also



[PDF] Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

Follow the link listed below to read "Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)" document.

[Read Book »](#)



[PDF] The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Follow the link listed below to read "The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)" document.

[Read Book »](#)



[PDF] Maisy's Christmas Tree

Follow the link listed below to read "Maisy's Christmas Tree" document.

[Read Book »](#)



[PDF] Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

Follow the link listed below to read "Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep" document.

[Read Book »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Follow the link listed below to read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" document.

[Read Book »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

Follow the link listed below to read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" document.

[Read Book »](#)