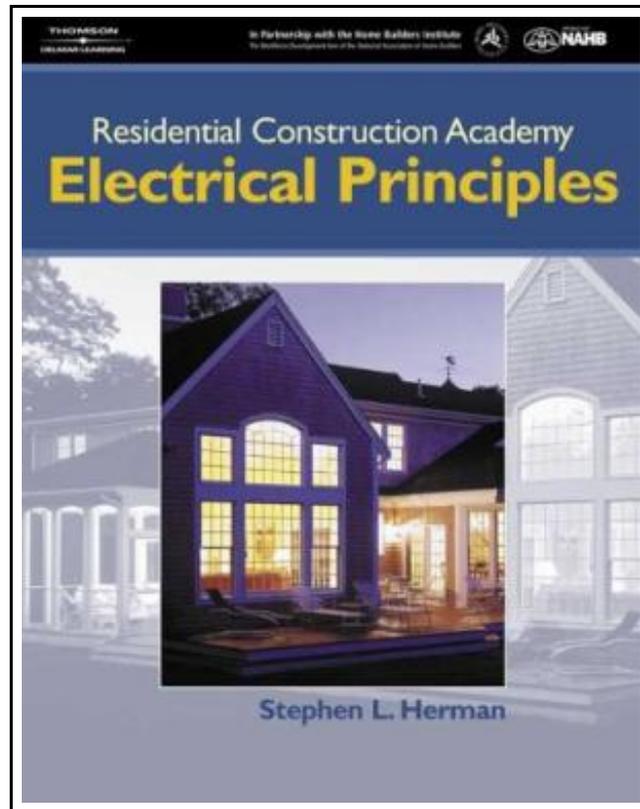


Residential Construction Academy: Electrical Principles (Residential Construction Academy Series)



Filesize: 6 MB

Reviews

*This publication is definitely not simple to begin on studying but quite fun to see. It really is full of knowledge and wisdom I am just effortlessly can get a satisfaction of studying a created pdf.
(Alfreda Bradtke)*

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



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 \(Residential Construction Academy Series\)](#)

Other eBooks



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

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

[Read Book »](#)



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

Cengage Learning, 2012. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: You can now maximize and integrate the design and development power of Adobe Creative Suite 6 with WEB...

[Read Book »](#)



Maisy's Christmas Tree

Candlewick, 2014. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The final scene of the gang caroling around the tree, complete with paper crowns from British Christmas crackers, is...

[Read Book »](#)



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

CreateSpace Independent Publishing Platform, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Star Flights Bedtime Spaceship" is a charming and fun story with the purpose to help children...

[Read Book »](#)



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)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read Book »](#)



Southern Educational Review Volume 3 (Paperback)

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download

[Save Document »](#)



Access2003 Chinese version of the basic tutorial (secondary vocational schools teaching computer series)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 192 Publisher: People's Post Pub. Date :2011-10-01 version 1. Access 2003 Tutorial

[Save Document »](#)



Genuine book Oriental fertile new version of the famous primary school enrollment program: the intellectual development of pre-school Jiang(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-09-01 Pages: 160 Publisher: the Jiangxi University Press Welcome Salan. service

[Save Document »](#)



EU Law Directions (Paperback)

Oxford University Press, United Kingdom, 2014. Paperback. Book Condition: New. 4th ed.. 242 x 188 mm. Language: English . Brand New Book. With a readable and modern writing style, EU Law Directions clearly explains the

[Save Document »](#)



Genuine] Whiterun youth selection set: You do not know who I am Raoxue(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-08-01 Pages: 254 Publisher: rolls of publishing companies basic information title:

[Save Document »](#)