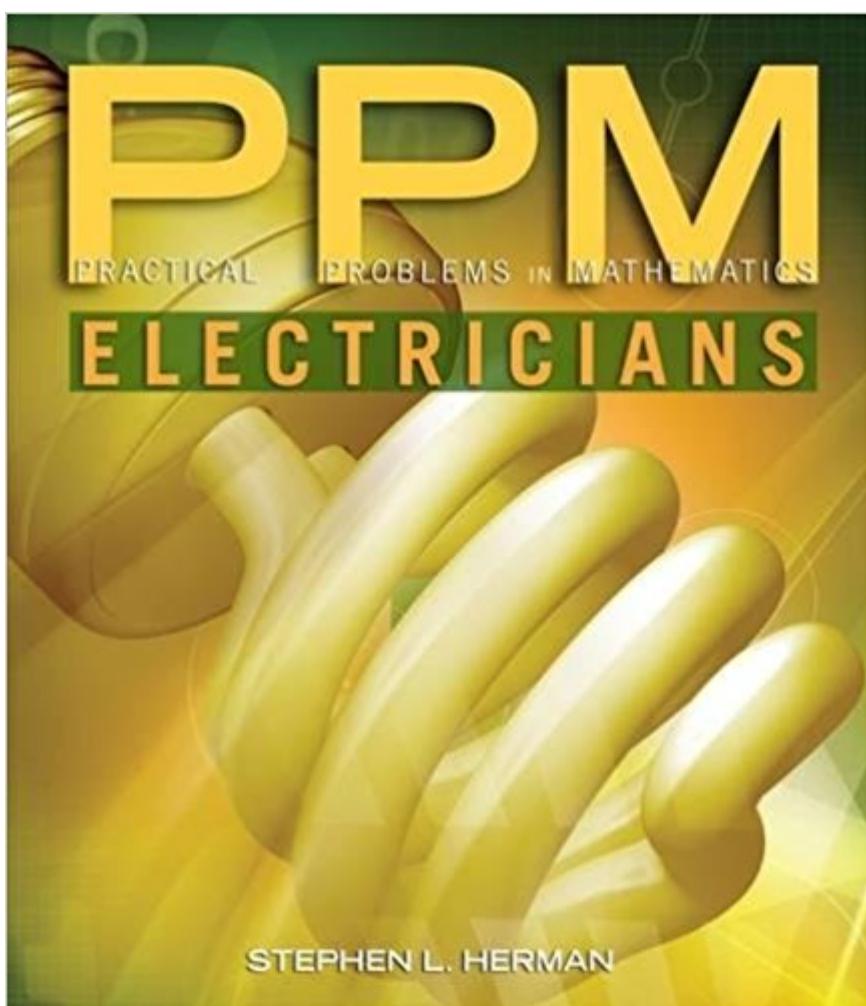The book was found

Practical Problems In Mathematics For Electricians (Practical Problems In Mathematics Series)

Synopsis

PRACTICAL PROBLEMS IN MATHEMATICS FOR ELECTRICIANS, 9E will give readers the math skills they need to succeed in the electrical trade. It introduces them to the important math principles through problems designed for the electrical profession and offers them an excellent opportunity to develop and practice problem-solving skills while at the same time providing a valuable review of electrical terminology. This new edition uses the same straightforward writing style and simple, step-by-step explanations that made previous editions so reader-friendly. It minimizes theory and emphasizes problem solving techniques and practice problems. This new edition also includes updated illustrations and information for a better learning experience than ever before! The book begins with basic arithmetic and then, once these basic topics have been mastered, progresses to algebra and concludes with trigonometry. Practical problems with real-world scenarios from the electrical field are used throughout, allowing readers to apply key mathematical concepts while developing an awareness of basic electrical terms and practices. This is the perfect resource for anyone entering the electrical industry or simply looking to brush up on the necessary math.

Book Information

Series: Practical Problems In Mathematics Series

Paperback: 288 pages

Publisher: Delmar Cengage Learning; 9 edition (April 7, 2011)

Language: English

ISBN-10: 1111313474

ISBN-13: 978-1111313470

Product Dimensions: 0.5 x 7.8 x 9 inches

Shipping Weight: 1 pounds (View shipping rates and policies)

Average Customer Review: 3.7 out of 5 stars   8 customer reviews

Best Sellers Rank: #95,552 in Books (See Top 100 in Books)   #75 inÃ Â Books > Science & Math > Mathematics > Popular & Elementary > Arithmetic   #262 inÃ Â Books > Science & Math > Mathematics > Pure Mathematics > Algebra > Elementary   #412 inÃ Â Books > Engineering & Transportation > Engineering > Electrical & Electronics

Customer Reviews

1. Addition of Whole Numbers. 2. Subtraction of Whole Numbers. 3. Multiplication of Whole Numbers. 4. Division of Whole Numbers. 5. Combined Operations with Whole Numbers. 6. Addition of Common Fractions. 7. Subtraction of Common Fractions. 8. Multiplication of Common Fractions.

9. Division of Common Fractions. 10. Combined Operations with Common Fractions. 11. Addition of Decimal Fractions. 12. Subtractions of Decimal Fractions. 13. Multiplications of Decimal Fractions. 14. Division of Decimal Fractions. 15. Decimal and Common Fraction Equivalents. 16. Combined Operations with Decimal Fractions. 17. Percent and Percentage 18. Interest 19. Discount. 20. Averages and Estimates. 21. Combined Problems on Percents, Averages, and Estimates. 22. Power. 23. Roots. 24. Combined Operations with Powers and Roots. 25. Metric Measure and Scientific Notation. 26. Length Measure. 27. Area Measure. 28. Volume and Mass Measure. 29. Energy and Temperature Measure. 30. Combined Problems on Measure. 31. Ratio. 32. Proportion. 33. Combined Operations with Ratio And Proportion. 34. Representations in Formulas. 35. Rearrangement in Formulas. 36. General Simple Formulas. 37. Ohms Law Formulas. 38. Power Formulas. 39. Combined Problems on Formulas. 40. Right Triangles. 41. Trigonometric Functions. 42. Plane Vectors 43. Rotating Vectors. 44. Combined Problems in Trigonometry. 45. Number Systems.

Stephen L. Herman is a retired electrician and teacher with more than 30 years of experience to his credit. A seasoned author, his reader-friendly textbooks on electricity and mathematics are popular with students and instructors alike. For two decades Mr. Herman was lead instructor for the Electrical Technology Curriculum at Lee College in Baytown, Texas, where he received an Excellence in Education Award from the Halliburton Education Foundation. He also taught at Randolph Community College in Asheboro, N.C., for nine years and helped establish an electrical curriculum for Northeast Texas Community College in Mount Pleasant, Texas. His additional publications include ELECTRIC MOTOR CONTROL, ELECTRICITY AND CONTROLS FOR HVAC/R, INDUSTRIAL MOTOR CONTROLS, UNDERSTANDING MOTOR CONTROLS, ELECTRONICS FOR ELECTRICIANS, ELECTRICAL WIRING INDUSTRIAL, ALTERNATING CURRENT FUNDAMENTALS, DIRECT CURRENT FUNDAMENTALS, ELECTRICAL STUDIES FOR TRADES, ELECTRICAL PRINCIPLES, ELECTRICAL TRANSFORMERS AND ROTATING MACHINES, EXPERIMENTS IN ELECTRICITY FOR USE WITH LAB VOLT EQUIPMENT, THE COMPLETE LABORATORY MANUAL FOR ELECTRICITY, and PRACTICAL PROBLEMS IN MATHEMATICS FOR ELECTRICIANS.

this is a great book that leaves the brain refreshed after you do thE lessions!~ iT GOES FROM SIMPLE MATH TO VECTOR PLANES AND PHYSICS ! a must for any math buff!

thank you

Good

Book was great n cheap

It's a good book.

I am taking a course in basic trade electricity, and bought this book to review basic math.The book delivers what it says it will. It is a good reference to have

nothing in it

I didn't look inside before I purchase , I am unhappy with this product, I was expecting great book but doesn't.

Practical Problems in Mathematics for Electricians (Practical Problems In Mathematics Series) Practical Problems in Mathematics for Heating and Cooling Technicians (Practical Problems In Mathematics Series) Practical Problems in Mathematics for Welders (Practical Problems In Mathematics Series) American Electricians' Handbook, Sixteenth Edition Transformers and Motors: A Single-Source Reference for Electricians Blueprint Reading for Electricians American Electricians' Handbook Prostate Problems Home Remedies, How To Fight Prostate Problems At Home, Get Rid Of Prostate Problems Fast!: Back On Track - Fighting Prostate Problems At Home How trace element selenium affects men's health: Discover how selenium can affect: prostate problems, eczema problems, asthma breathing, and 9 other health problems One Hundred Problems in Elementary Mathematics (Dover Books on Mathematics) Fractal Geometry and Dynamical Systems in Pure and Applied Mathematics I: Fractals in Pure Mathematics (Contemporary Mathematics) Principles of Mathematical Analysis (International Series in Pure and Applied Mathematics) (International Series in Pure & Applied Mathematics) Major Problems in American Religious History (Major Problems in American History Series) Major Problems in the History of the Vietnam War: Documents and Essays (Major Problems in American History Series) The Holocaust: Problems and Perspectives of Interpretation (Problems in European Civilization Series) Major Problems in the History of American Sexuality: Documents and Essays (Major Problems in American History Series)

Major Problems in Mexican American History (Major Problems in American History Series) 2000 Solved Problems in Mechanical Engineering Thermodynamics (Schaum's Solved Problems Series) Major Problems in the History of American Medicine and Public Health: Documents and Essays (Major Problems in American History Series) Major Problems in American Women's History (Major Problems in American History Series)