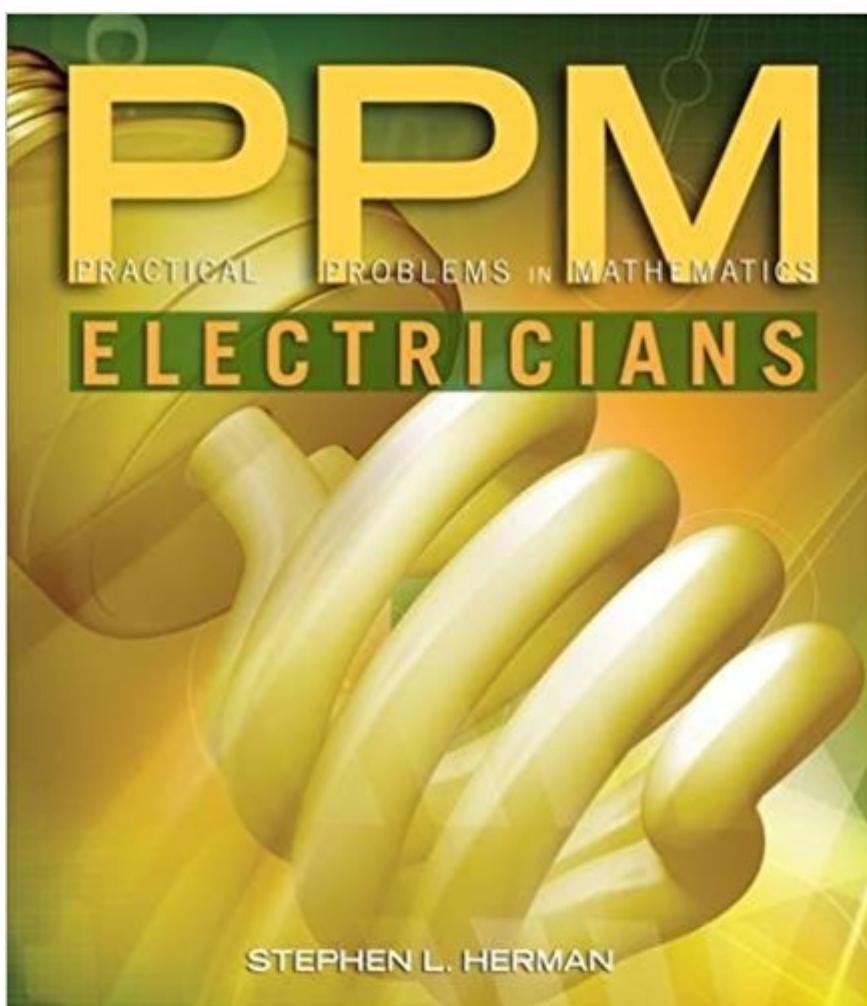


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Practical Problems In Mathematics For Electricians (Practical Problems In Mathematics Series)



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

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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.

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