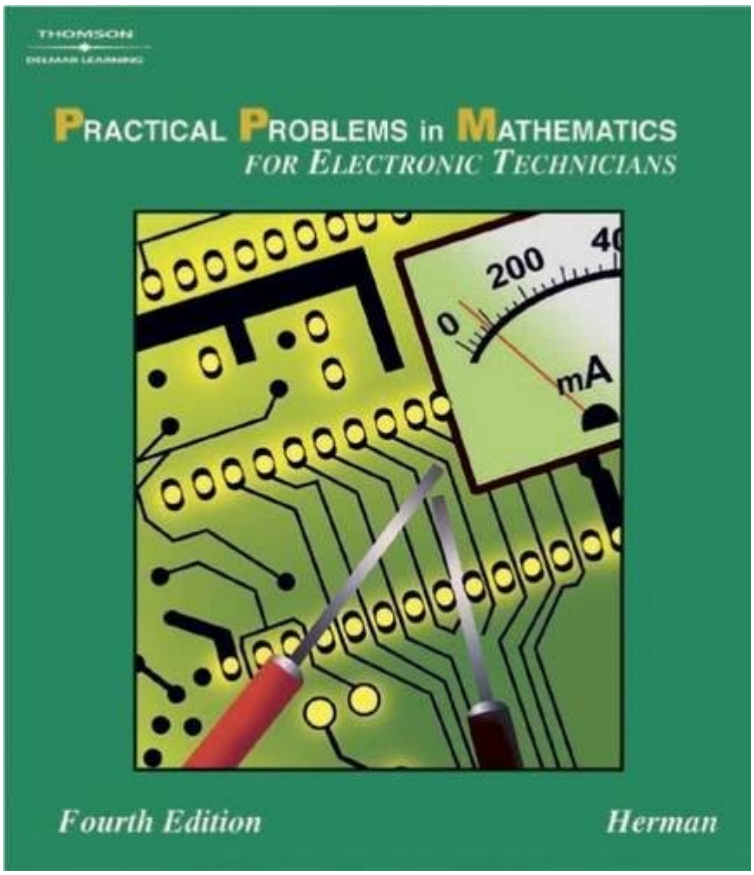
Practical Problems in Mathematics for Electronic Technicians, 6E (Practical Problems In Mathematics Series)

Stephen L. Herman



#1576661 in Books Cengage Learning 2003-08-11 2003-08-11Original language:EnglishPDF # 1 9.25 x .58 x 8.00l, 1.05 #File Name: 1401825001256 pages | File size: 58.Mb

Stephen L. Herman : Practical Problems in Mathematics for Electronic Technicians, 6E (Practical Problems In Mathematics Series) before purchasing it in order to gage whether or not it would be worth my time, and all praised Practical Problems in Mathematics for Electronic Technicians, 6E (Practical Problems In Mathematics Series):

Success in the electronics field requires a substantial background in mathematics. This updated book is written to provide beginning students with these needed skills. Practical, easy-to-understand problems help prepare students for the types of problems that professional electronic technicians face everyday. As part of the successful Practical Problems in Mathematics series, this fourth edition features expanded coverage of scientific notation, increased problems to be solved using a calculator, additional information on RLC circuits, and a new unit on simultaneous equations that includes coverage of Kirchoff's Law.

Whole Numbers. Common Fractions. Decimal Fractions. Exponents, Electronics Units, and Roots. Formulas, Ohm's Law, and Power Law. Ratio and Proportion. Measurement and Graphs. Percentages, Averages, and Tolerances. AC Circuits. Appendix. Glossary. Answer Key.About the AuthorStephen 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, ALTERNATING CURRENT FUNDAMENTALS, DIRECT CURRENT FUNDAMENTALS, ELECTRICAL STUDIES FOR TRADES, ELECTRICAL PRINCIPLES, EXPERIMENTS IN ELECTRICITY FOR USE WITH LAB VOLT EQUIPMENT, THE COMPLETE LABORATORY MANUAL FOR ELECTRICITY, and PRACTICAL PROBLEMS IN MATHEMATICS FOR ELECTRICIANS.