



Introduction to Electrical Engineering

By Roman Kuc

Cengage Learning, Inc, United States, 2014. Paperback. Book Condition: New. 279 x 218 mm. Language: English . Brand New Book. ELECTRICAL ENGINEERING IN CONTEXT: SMART DEVICES, ROBOTS COMMUNICATIONS by bestselling author Roman Kuc describes the basic components and technologies that make today s computer-assisted systems operate and cooperate, inviting the reader to understand by participating in the design process. Directed at the undergraduate electrical engineering student, this book starts with the basics and requires a working knowledge of algebra. Rather than simple plug-and-chug exercises, the book teaches sophisticated problem-solving and design tools. Students will learn through designing digital displays, extracting information from signals, and optimizing system performance through parameter value selection and observing graphical data displays. Animations showing dynamic system behavior and relating to the book figures are available through the book s companion site. At the completion of the course, students will have an understanding of the capabilities of current digital devices and ideas for possible new applications. This will benefit students in other courses requiring quantitative skills and in their profession. To help accomplish this tall order, the book is written in a graduated intensity that can be adapted to the specific needs and talents of each student:...



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