Understanding DC Circuits

Dale Patrick, Stephen Fardo
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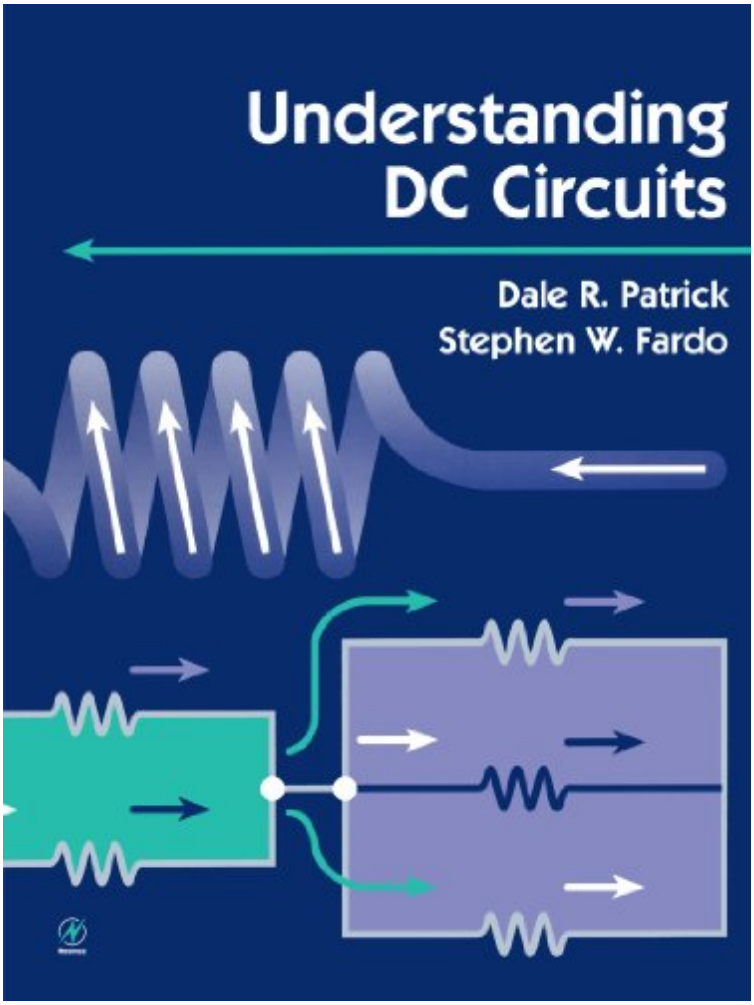

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Dale Patrick, Stephen Fardo : Understanding DC Circuits before purchasing it in order to gage whether or not it would be worth my time, and all praised Understanding DC Circuits:

0 of 0 people found the following review helpful. Item as described. Works as expected.By TwoGalsGoItem as described. Works as expected. Easy to understand and I had a blast with setting up and learning circuit boards.0 of 0 people found the following review helpful. AwesomeBy Cecil H.Awesome

Understanding DC Circuits covers the first half of a basic electronic circuits theory course, integrating theory and laboratory practice into a single text. Several key features in each unit make this an excellent teaching tool: objectives, key terms, self-tests, lab experiments, and a unit exam. Understanding DC Circuits is designed with the electronics beginner and student in mind. The authors use a practical approach, exposing the reader to the systems that are built

with DC circuits, making it easy for beginners to master even complex concepts in electronics while gradually building their knowledge base of both theory and applications. Each chapter includes easy-to-read text accompanied by clear and concise graphics fully explaining each concept before moving onto the next. The authors have provided section quizzes and chapter tests so the readers can monitor their progress and review any sections before moving onto the next chapter. Each chapter also includes several electronics experiments, allowing the reader to build small circuits and low-cost projects for the added bonus of hands-on experience in DC electronics. Understanding DC Circuits fully covers dozens of topics including energy and matter; static electricity; electrical current; conductors; insulators; voltage; resistance; schematic diagrams and symbols; wiring diagrams; block diagrams; batteries; tools and equipment; test and measurement; series circuits; parallel circuits; magnetism; electromagnetism; inductance; capacitance; soldering techniques; circuit troubleshooting; basic electrical safety; plus much more.Integrates theory and lab experimentsContains course and learning objectives and self-quizzesHeavily illustrated

"...this practical book makes it easy to learn both complex concepts and basic theory and applications." --Poptronics 2001From the PublisherUnderstanding DC Circuits fully covers dozens of topics including energy and matter; static electricity; electrical current; conductors; insulators; voltage; resistance; schematic diagrams and symbols; wiring diagrams; block diagrams; batteries; tools and equipment; test and measurement; series circuits; parallel circuits; magnetism; electromagnetism; inductance; capacitance; soldering techniques; circuit troubleshooting; basic electrical safety; plus much more. This book will prove invaluable to the beginning electronics student or hobbyist and is the perfect reference for the experienced reader on the basics of electronics theory and mathematics.About the AuthorDale Patrick is a Professor of Technology at Eastern Kentucky University. Stephen Fardo is a Professor of Technology at Eastern Kentucky University