[PDF] FE Electrical And Computer Practice Problems

Michael R. Lindeburg PE - pdf download free book



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Comprehensive Practice for the Computer-Based Electrical and Computer FE Exam

FE Electrical and Computer Practice Problems contains over 450 multiple-choice problems that will reinforce your knowledge of the topics covered on the NCEES Electrical and Computer FE exam. These problems are designed to be solved in three minutes or less to demonstrate the format and difficulty of the exam, and to help you focus on individual engineering concepts. Like the exam,

problems are grouped by engineering topic.

Solutions are clear, complete, and easy to follow. Step-by-step calculations use equations and nomenclature from the *NCEES FE ReferenceHandbook* to help increase your familiarity with the exam's supplied reference. Units are meticulously identified and rigorously carried through in all calculations.

FE Electrical and Computer Practice Problems may be used by itself for independent problemsolving practice, or it may be used in conjunction with the *FE Electrical and Computer Review Manual*. This book follows the *FE Electrical and Computer Review Manual* in chapter sequence, nomenclature, terminology, and methodology, so you can easily find clear explanations of topics where you need more support. Both products are part of PPI's integrated review program available at **feprep.com**.

Topics Covered

- Circuit Analysis (DC and AC Steady State)
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- Computer Networks
- Computer Systems
- Control Systems
- Digital Systems
- Electromagnetics
- Electronics
- Engineering Economics
- Engineering Sciences
- Ethics and Professional Practice
- Linear Systems
- Mathematics
- Power
- Probability and Statistics
- Properties of Electrical Materials
- Signal Processing
- Software Development

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