



Basic Engineering Circuit Analysis

By J. David Irwin, R. Mark Nelms

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Irwin's *Basic Engineering Circuit Analysis* has built a solid reputation for its highly accessible presentation, clear explanations, and extensive array of helpful learning aids. Now in a new Eighth Edition, this highly-accessible book has been fine-tuned and revised, making it more effective and even easier to use. It covers such topics as resistive circuits, nodal and loop analysis techniques, capacitance and inductance, AC steady-state analysis, polyphase circuits, the Laplace transform, two-port networks, and much more.

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- A new chapter on Op-Amps that gives readers a deeper explanation of theory.
- A revised pedagogical structure to enhance learning.

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Basic Engineering Circuit Analysis By J. David Irwin, R. Mark Nelms Bibliography

- Sales Rank: #1625981 in Books
- Published on: 2004-12-07
- Original language: English
- Number of items: 1
- Dimensions: 10.96" h x 1.18" w x 8.82" l,
- Binding: Hardcover
- 816 pages

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Editorial Review

From the Publisher

Irwin uses an effective learn-by-doing approach to develop a thorough understanding of the fundamentals of circuit analysis and their application to real-world problems. The text presents material in as clear and detailed a manner as possible, combining thorough explanations and worked examples, drill problems and answers. The Fifth Edition has been streamlined to make room for the many new real-world examples and problems.

From the Back Cover

See the solution with Circuit Solutions by JustAsk!

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