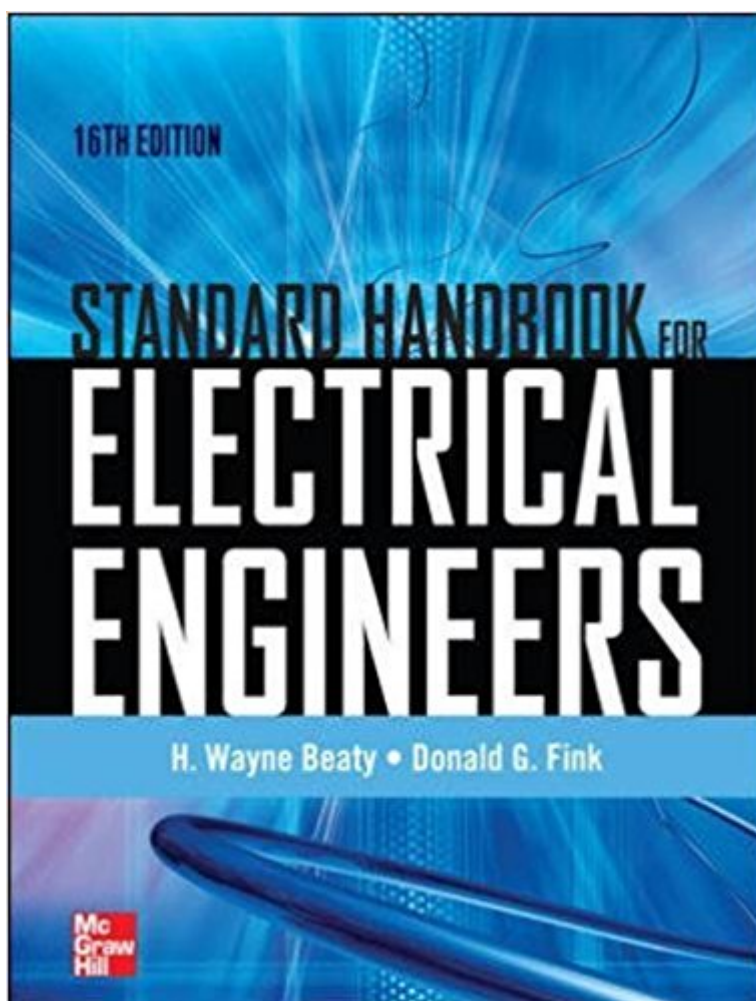


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# Standard Handbook For Electrical Engineers Sixteenth Edition



## Synopsis

THE MOST COMPLETE AND CURRENT GUIDE TO ELECTRICAL ENGINEERING For more than a century, the Standard Handbook for Electrical Engineers has served as the definitive source for all the pertinent electrical engineering data essential to both engineering students and practicing engineers. It offers comprehensive information on the generation, transmission, distribution, control, operation, and application of electric power. Completely revised throughout to address the latest codes and standards, the 16th Edition of this renowned reference offers new coverage of green technologies such as smart grids, smart meters, renewable energy, and cogeneration plants. Modern computer applications and methods for securing computer network infrastructures that control power grids are also discussed. Featuring hundreds of detailed illustrations and contributions from more than 75 global experts, this state-of-the-art volume is an essential tool for every electrical engineer. Standard Handbook for Electrical Engineers, 16th Edition, covers: Units, symbols, constants, definitions, and conversion factors \* Electric and magnetic circuits \* Measurements and instruments \* Properties of materials \* Generation \* Prime movers \* Alternating-current generators \* Direct-current generators \* Hydroelectric power generation \* Power system components \* Alternate sources of power \* Electric power system economics \* Project economics \* Transmission systems \* High-voltage direct-current power transmission \* Power system operations \* Substations \* Power distribution \* Wiring design for commercial and industrial buildings \* Motors and drives \* Industrial and commercial applications of electric power \* Power electronics \* Power quality and reliability \* Grounding systems \* Computer applications in the electric power industry \* Illumination \* Lightning and overvoltage protection \* Standards in electrotechnology, telecommunications, and information technology

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## Customer Reviews

H. Wayne Beaty is the former managing editor of Electric Light and Power and is editor of McGraw-Hill's Standard Handbook of Electrical Engineering, Sixteenth Edition, co-editor of McGraw-Hill's Handbook of Electric Power Calculations, and Electric Power Systems Quality, Third Edition. Beaty is a Senior Member of IEEE. Donald G. Fink was director emeritus of the Institute of Electrical and Electronic Engineers (IEEE).

Unless you can upgrade the Kindle for PC's this book is worthless on Kindle. It says in the description that this book is for displays with higher resolution. I have a display with resolution 3840x2160 and can't read most of the numbers and text on over half of the tables. I have to really focus to see the text on most of the other tables. The regular book text is fine. I feel like I just wasted my money unless I can locate a PC magnifier or Kindle incorporates a zoom for the tables at some point.

The index is not as thorough as previous editions which makes it hard to find some of the more granular bits of information.

very well written, clearly explained for a student like myself to understand electrical engineering

GOOD BOOK

Lacks chapters related to electronic ( low current) information that was available in previous editions. When updating or revising, valuable information must not be ignored.

This book is a good reference for anything electrical, or if you need a large paper weight for your desk.

Virtually new!!

Good

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