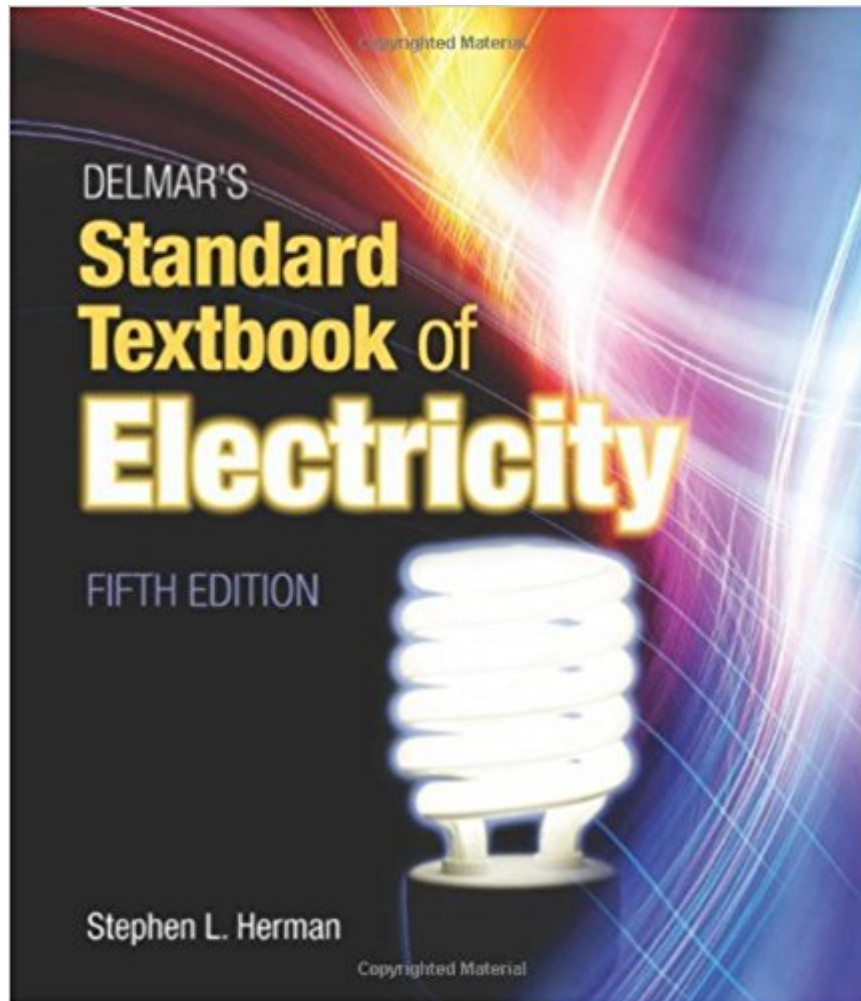


The book was found

Delmar's Standard Textbook Of Electricity, 5th Edition



Synopsis

Mastering the theory and application of electrical concepts is necessary for a successful career in the electrical installation or industrial maintenance fields, and this new fifth edition of DELMAR'S STANDARD TEXTBOOK OF ELECTRICITY delivers! Designed to teach by blending concepts relating to electrical theory and principles with practical 'how to' information that prepares you for situations commonly encountered on the job. Topics span all the major aspects of the electrical field including atomic structure and basic electricity, direct and alternating current, basic circuit theory, three-phase circuits, single phase, transformers, generators, and motors. This revision retains all the hallmarks of our market-leading prior editions and includes enhancements such as updates to the 2011 NEC, a new chapter on industry orientation, and new coverage of constant-current transformers and fuel cells as well as tips on energy efficiency throughout the text

Book Information

Hardcover: 1152 pages

Publisher: Delmar Cengage Learning; 5th edition (December 7, 2010)

Language: English

ISBN-10: 1111539154

ISBN-13: 978-1111539153

Product Dimensions: 9.2 x 8.3 x 1.7 inches

Shipping Weight: 4.1 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars [See all reviews](#) (99 customer reviews)

Best Sellers Rank: #31,526 in Books (See Top 100 in Books) #14 in [Books > Science & Math >](#)

[Physics > Electromagnetism > Electricity](#) #19 in [Books > Crafts, Hobbies & Home > Home](#)

[Improvement & Design > How-to & Home Improvements > Electrical](#) #64 in [Books > Engineering & Transportation > Engineering > Construction](#)

Customer Reviews

This book is required reading for electrical apprentices in Canada. It has lots of practical information and illustrations that are good for the most part. However, I can't let the author off the hook for his incredibly sloppy treatment (poor understanding?) of basic theory. I blame this author for the fact that many electrical instructors are equally foggy on rudimentary theory and sloppy in their use of terminology, and pass their confusion on to generation after generation of students. A small example: the book states that the joule is the SI equivalent of the watt -- completely, inexcuseably fictional -- and then on the very next page it states a legitimate definition of a joule as being one

watt-second. What newbie student needs this? The confusion between energy and power (the rate of energy conversion or work being done) rears its head elsewhere, e.g. in questions like "How many watts of heat are produced when... blah blah blah." The book's descriptions of atomic structure might've passed muster some decades ago, but they're sorely in need of a refresh. No appreciation is shown for the proper use of significant figures in calculations. The results of many of the calculations (unless they happen to produce a nice integer result) are stated arbitrarily to three decimal places, e.g. $120 \times 0.0667 = 8.004$. This precision isn't justified, and the irony is that a properly-rounded result would actually be more accurate. To compound the problem, solutions frequently involve the calculation of unneeded intermediate results, incurring cumulative errors. Why not fully solve the algebraic expressions for the desired unknowns before plugging in numbers?

[Download to continue reading...](#)

Delmar's Standard Textbook of Electricity, 5th Edition
Delmar's Standard Textbook of Electricity
Shocking! Where Does Electricity Come From? Electricity and Electronics for Kids - Children's
Electricity & Electronics Electricity and Magnetism, Grades 6 - 12: Static Electricity, Current
Electricity, and Magnets (Expanding Science Skills Series) 2016 ICD-10-CM Standard Edition, 2016
ICD-10-PCS Standard Edition, 2016 HCPCS Standard Edition and AMA 2016 CPT Standard Edition
Package, 1e Delmar's Medical-Surgical Nursing Care Plans (Rodgers, Thomson Delmar Learning's
Medical-Surgical Nursing) Delmar's Nursing Review Series: Gerontological Nursing (Thomson
Delmar Learning's Nursing Review Series) Delmar's Pediatric Nursing Care Plans (Pediatric
Nursing Care Plans (Delmar's)) The WEB Collection Revealed Standard Edition: Adobe
Dreamweaver CS4, Adobe Flash CS4, and Adobe Fireworks CS4 (Revealed (Delmar Cengage
Learning)) Competency Manual for Lindh/Pooler/Tamparo/Dahl/Morris' Delmar's Comprehensive
Medical Assisting: Administrative and Clinical Competencies, 5th CPT 2013 Standard Edition
(Current Procedural Terminology (Standard)) (Current Procedural Terminology (CPT) Standard)
New Citizenship Basics Textbook, DVD, and Audio CD U.S. Naturalization Test Study Guide 100
Civics Questions with New & Updated N-400 Application Questions: Pass the Citizenship Interview
with the New Textbook, CD, and DVD Textbook of Diagnostic Microbiology, 5e (Mahon, Textbook of
Diagnostic Microbiology) Koneman's Color Atlas and Textbook of Diagnostic Microbiology (Color
Atlas & Textbook of Diagnostic Microbiology) Textbook of Diagnostic Microbiology, 4e (Mahon,
Textbook of Diagnostic Microbiology) Shields Textbook of Glaucoma (Allingham, Shields' Textbook
of Glaucoma) Textbook of Diagnostic Sonography: 2-Volume Set, 7e (Textbook of Diagnostic
Ultrasonography) Brunner & Suddarth's Textbook of Medical-Surgical Nursing (Brunner and
Suddarth's Textbook of Medical-Surgical) Wall & Melzack's Textbook of Pain: Expert Consult -

Online and Print, 6e (Wall and Melzack's Textbook of Pain) Oxford Textbook of Palliative Medicine
(Hanks, Oxford Textbook of Palliative Medicine)

[Dmca](#)