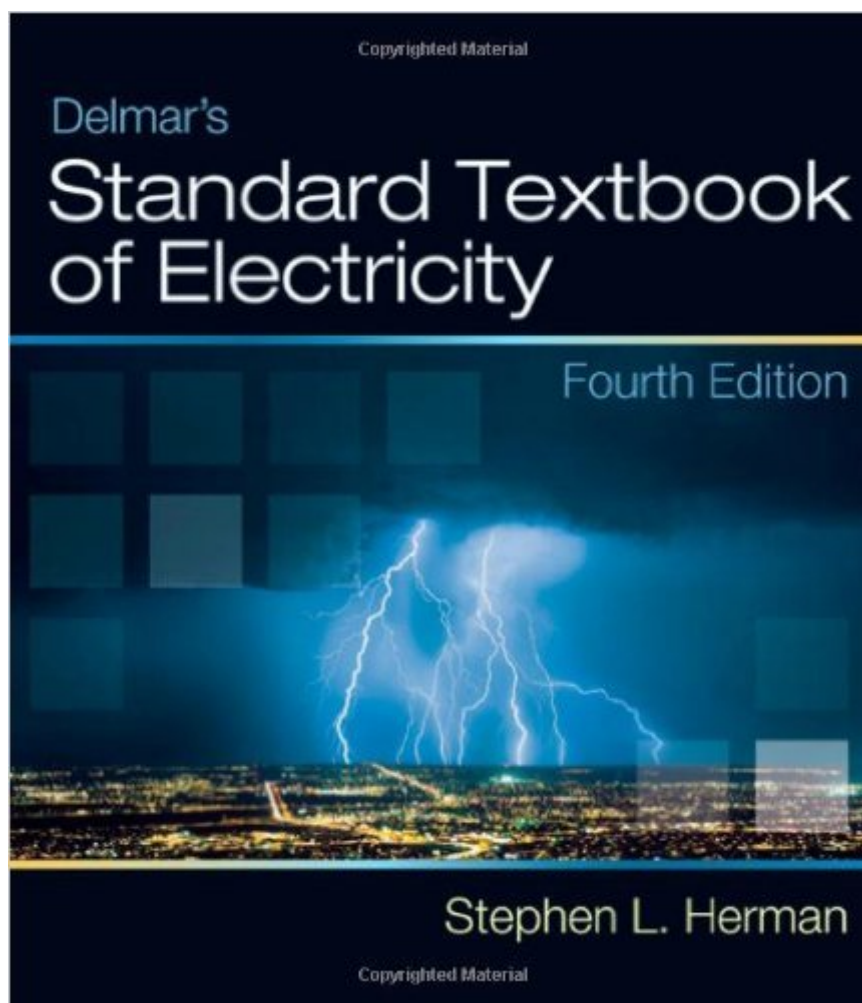


The book was found

# Delmar's Standard Textbook Of Electricity, 4th Edition



## Synopsis

Understanding the theory and application of electrical concepts is necessary for a successful career in the electrical field specifically in industrial maintenance and installation, and this newly revised, full color text delivers! Delmar's Standard Textbook of Electricity, Fourth Edition trains aspiring electricians by blending concepts relating to electrical theory with practical 'how to' information that prepares readers for situations commonly encountered on the job. This revision retains all the hallmarks of our market-leading prior editions, but displays enhancements such as more practical application problems. Topics span the major aspects of the electrical field including direct and alternating current circuits, basic theory, transformers, generators, and motors. This new edition has been organized so that all relevant information is located within a given chapter which allows for flexibility to access and cover topics in any order making this text an indispensable resource.

## Book Information

Hardcover: 1120 pages

Publisher: Delmar Cengage Learning; 4th edition (May 28, 2008)

Language: English

ISBN-10: 1418065803

ISBN-13: 978-1418065805

Product Dimensions: 9.5 x 8.2 x 1.8 inches

Shipping Weight: 4.2 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars [See all reviews](#) (100 customer reviews)

Best Sellers Rank: #494,618 in Books (See Top 100 in Books) [#317 in Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Electrical](#) [#1583 in Books > Engineering & Transportation > Engineering > Construction](#) [#2265 in Books > Engineering & Transportation > Engineering > Electrical & Electronics](#)

## 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, 4th Edition Teach Yourself Electricity and Electronics, 5th Edition (Teach Yourself Electricity & Electronics) Let's Get Charged! (All About Electricity) : 5th Grade Science Series: Fifth Grade Books Electricity for Kids (Children's Physics Books) Management of Health Information: Functions & Applications (A volume in the Delmar Health Information Management Series) Essentials of Health Services (Delmar Series in Health Services Administration) Study Guide for Lindh/Pooler/Tamparo/Dahl/Morris' Delmar's Comprehensive Medical Assisting, 5th Delmar's Dental Materials Guide CPT 2016 Standard Edition (Cpt / Current Procedural Terminology (Standard Edition)) Estandar de Milady Barberia Profesional (Milady's Standard Professional Barbering Textbook: Spanish Edition) Standard Catalog of World Paper Money General Issues - 1368-1960 (Standard Catalog of World Paper Money 14th Edition: General Issues) Standard Catalog Of World Paper Money General Issues 1368-1960 (Standard Catalog of World Paper Money 13th edition: General Issues) Standard Catalog of World Coins, 1801-1900 (Standard Catalog of World Coins 19th Century Edition 1801-1900) Standard Catalog Of Die-Cast Vehicles: Identification And Values, Revised Edition (Standard Catalog of Die-Cast Vehicles) The Hollywood Standard, 2nd Edition (Hollywood Standard: The Complete & Authoritative Guide to) The American Psychiatric Publishing Textbook of Geriatric Psychiatry (American Psychiatric Press Textbook of Geriatric Psychiatry) Textbook of Physical Diagnosis: History and Examination With STUDENT CONSULT Online Access, 7e (Textbook of Physical Diagnosis (Swartz)) Textbook of Regional Anesthesia and Acute Pain Management (Hadzic, Textbook of Regional Anesthesia and Acute Pain Management) Oxford Textbook of Transplant Anaesthesia and Critical Care (Oxford Textbook in Anaesthesia) Mosby's Textbook for Nursing Assistants - Hard Cover Version, 8e (Sorrentino, Mosby's Textbook of Nursing Assistant's) Mosby's Textbook for Nursing Assistants -

Textbook and Workbook Package, 9e

[Dmca](#)