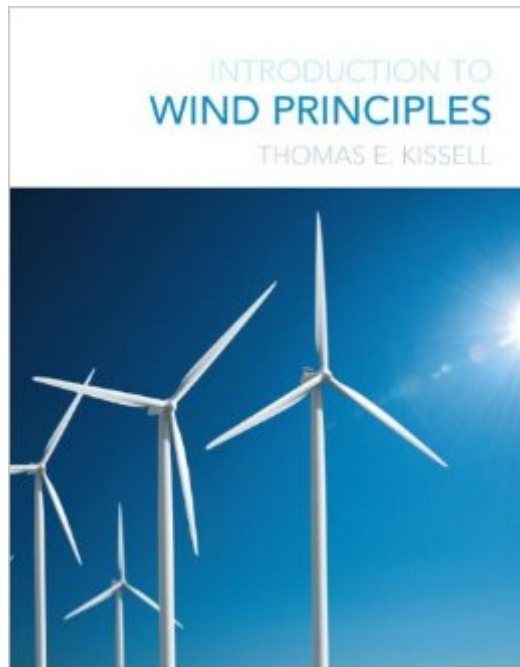


The book was found

Introduction To Wind Principles



Synopsis

The first book on wind energy designed specifically with technicians in mind!Â INTRODUCTION TO WIND PRINCIPLES, 1/e covers all aspects of installing and troubleshooting wind turbines, giving technicians the knowledge they need to handle even complex maintenance tasks. Writing clearly and simply, Thomas Kissell explains how wind turbine blades harvest wind energy, and how generators convert shaft turning energy into electricity. He shows how electrical and hydraulic systems control the speed of wind turbine blades, energizing blade pitch and yaw position controls. Mechanical subjects such as gears, transmissions and gearboxes are discussed in detail. Many pictures and diagrams are included, and all math and data is provided: no calculus or other mathematics is required. Some additional features include:

- Comprehensive, in-depth coverageâ including wind turbine installation and troubleshooting, towers, blades, generators, control, and much moreÂ
- History, background, trends, and demand projectionsâ
- Provides the context needed to understand the growing role of wind energy
- Coverage of all parts of vertical and horizontal wind turbinesâ including small, medium, and large wind turbines
- Essential electrical coverageâ including basic electricity theory, magnetism, motors, generators, PLC controls, and the electrical grid
- Extensive discussion of mechanical topics
- Towers, tower designs, and safety- walks through the advantages and disadvantages of each type of tower, discusses the principles of safe tower design and construction, and explains nacelle installation
- Integration of wind-generated electricity into the grid

Book Information

Paperback: 320 pages

Publisher: Pearson; 1 edition (May 27, 2010)

Language: English

ISBN-10: 0132125331

ISBN-13: 978-0132125338

Product Dimensions: 8.4 x 0.8 x 10.8 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 starsÂ Â See all reviewsÂ (3 customer reviews)

Best Sellers Rank: #599,965 in Books (See Top 100 in Books) #30 inÂ Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Wind #72 inÂ Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Power Systems #295 inÂ Books > Engineering & Transportation > Engineering > Mechanical >

Customer Reviews

Repeats himself constantly. Repetition should be assigned by the instructor, not part of the regular text (save that for the review sections). I've had trigonometry texts that were more inspiring. I'm sure he thought this was just for a bunch of students & that we just had to learn the material no matter what. Boring authorship of exciting subjects is bad writing! I did get an "A" in the course, but the book made that a chore of need rather than an effort of pleasure. Maybe the 2nd edition will be better. At least the book was well bound for a paperback. Best wishes for your electrical & electronic studies.

Good Book but only in Black and White...

This was a gift for a friend and he found it fascinating.

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

The Wind Ensemble and Its Repertoire: Essays on the Fortieth Anniversary of the Eastman Wind Ensemble, Paperback Book (Donald Hunsberger Wind Library) Wind Energy Basics: A Guide to Small and Micro Wind Systems Energy from Wind: Wind Farming (Next Generation Energy) The Great Texas Wind Rush: How George Bush, Ann Richards, and a Bunch of Tinkerers Helped the Oil and Gas State Win the Race to Wind Power (Peter T. Flawn Series in Natural Resources) Solar Wind Nine: Proceedings of the Ninth International Solar Wind Conference: Nantucket, Massachusetts, 5-9 October 1998 (AIP Conference Proceedings / Astronomy and Astrophysics) Introduction to Wind Principles Principles of Radiographic Imaging: An Art and A Science (Carlton, Principles of Radiographic Imaging) Principles And Practice of Mechanical Ventilation, Third Edition (Tobin, Principles and Practice of Mechanical Ventilation) Principles of Bone Biology, Third Edition (Bilezikian, Principles of Bone Biology 2 Vol Set) Principles of Neural Science, Fifth Edition (Principles of Neural Science (Kandel)) DeVita, Hellman, and Rosenberg's Cancer: Principles & Practice of Oncology (Cancer: Principles & Practice (DeVita)(2 Volume Set) Principles of Pulmonary Medicine: Expert Consult - Online and Print, 6e (PRINCIPLES OF PULMONARY MEDICINE (WEINBERGER)) Principles and Practice of Gynecologic Oncology (Principles and Practice of Gynecologic Oncology (Hoskins)) ASTNA Patient Transport: Principles and Practice, 4e (Air & Surface Patient Transport: Principles and Practice) Florida Real Estate Principles, Practices & Law (Florida Real Estate Principles, Practices and Law) Wiley Not-for-Profit GAAP 2014:

Interpretation and Application of Generally Accepted Accounting Principles (Wiley Not-For-Profit GAAP: Interpretation ... of Generally Accepted Accounting Principles) Wiley GAAP: Interpretation and Application of Generally Accepted Accounting Principles 2011 (Wiley GAAP: Interpretation & Application of Generally Accepted Accounting Principles) The Art of the Wind Rises My Life with Earth, Wind & Fire Shining Star: Braving the Elements of Earth, Wind & Fire

[Dmca](#)