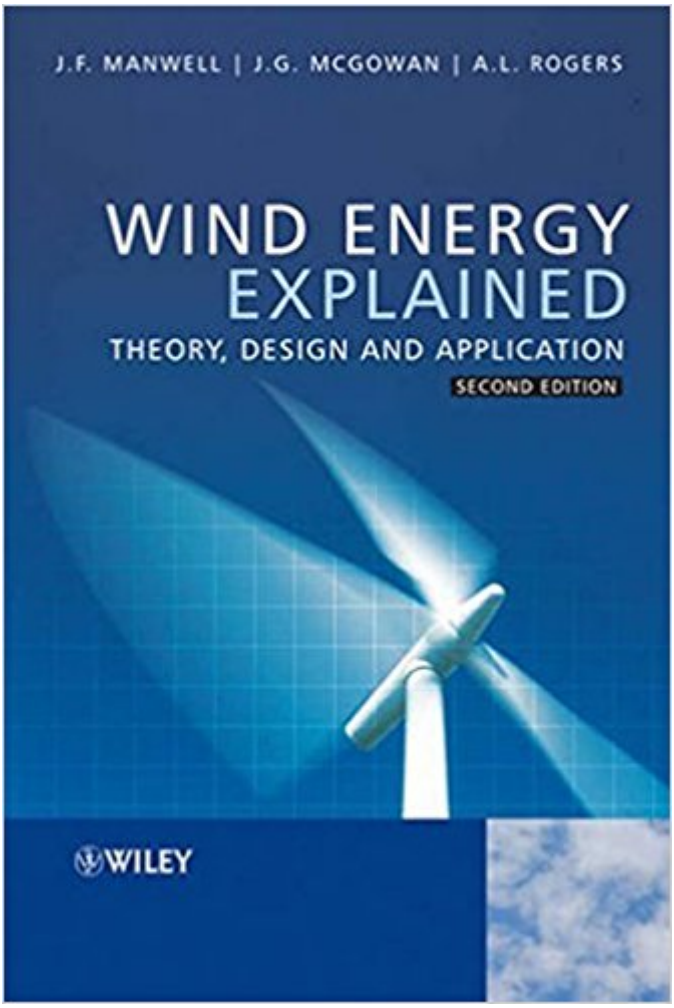
Wind Energy Explained: Theory, Design And Application



Synopsis

Wind energyâ ™s bestselling textbook- fully revised. This must-have second edition includes up-to-date data, diagrams, illustrations and thorough new material on: the fundamentals of wind turbine aerodynamics; wind turbine testing and modelling; wind turbine design standards; offshore wind energy; special purpose applications, such as energy storage and fuel production. Fifty additional homework problems and a new appendix on data processing make this comprehensive edition perfect for engineering students. This book offers a complete examination of one of the most promising sources of renewable energy and is a great introduction to this cross-disciplinary field for practising engineers. â œprovides a wealth of information and is an excellent reference book for people interested in the subject of wind energy.â • (IEEE Power & Energy Magazine, November/December 2003) â œdeserves a place in the library of every university and college where renewable energy is taught.â • (The International Journal of Electrical Engineering Education, Vol.41, No.2 April 2004) â œa very comprehensive and well-organized treatment of the current status of wind power.â • (Choice, Vol. 40, No. 4, December 2002)

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Customer Reviews

â œâ |well written and comprehensive â |deserves a place in the library of every university and college where renewable energy is taught.â • (The International Journal of Electrical Engineering Education, Vol.41, No.2 April 2004) "â |provides a wealth of information and is an excellent reference book for people interested in the subject of wind energy." (IEEE Power & Energy

Magazine, Nov/Dec 2003) "...Extremely good value for money...it is difficult to think of any topic that has been omitted..."? (IEE Review, September 2002) "...can be thoroughly recommended as a comprehensive introduction..."?(Times Higher Education Supplement, 29 November 2002) "...a very comprehensive and well-organized treatment of the current status of wind power...highly recommended for all serious students of this technology." (Choice, Vol. 40, No. 4, December 2002) --This text refers to an out of print or unavailable edition of this title.

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This book doesn’t provide enough examples. Just one here or there. I you haven’t memorized all base SI units, you’ll need to look those up. Basically, the SI units are not provided. The questions are terrible also.

This is the worse book I ever had for any of my engineering courses. A book with no sample problems and unclear explanations. It really sucks.

Well

I’ve just started this book. It’s for a Wind Energy Systems course. So far, it has been a very straight-forward and practical introduction into the field of wind energy. While it is very easy to understand and very practical, it’s also been quite thorough in explaining the concepts. Overall, I

anticipate this to be a great book; certainly one of the "keepers" you come across every now and then.

This book is absolutely the best book I have owned on the subject. I love the simplicity of the text, clarity of the illustrations, and above all the fact that it covered all the necessary areas on the subject. I strongly recommend it to anyone interested in expanding their knowledge on wind energy.

Jim Manwell, Jon McGowan, and their colleagues have done an excellent job in presenting wind energy development, history, and concepts,

Great book, lots of math and formulas. i enjoyed it when I was studying ME Wind Energyno other thoughts, you should buy it if you want to build a wind farm

This is a great book. So far, the theoretical teachings in this book have been excellent for my ME 430 class.

Wind Energy Explained: Theory, Design and Application Wind Energy Explained: Theory, Design and Application 2nd (second) Edition by Manwell, James F., McGowan, Jon G., Rogers, Anthony L. [2010] Cash in the Wind: How to Build a Wind Farm Using Skystream and 442SR Wind Turbines for Home Power Energy Net-Metering and Sell Electricity Back to the Grid Cash In The Wind: How to Build a Wind Farm with Skystream and 442SR Wind Turbines for Home Power Energy Net Metering and Sell Electricity Back to the Grid Wind Power Basics: The Ultimate Guide to Wind Energy Systems and Wind Generators for Homes Wind Energy Basics: A Guide to Home and Community-Scale Wind-Energy Systems, 2nd Edition Wind Energy Basics: A Guide to Home and Community Scale Wind-Energy Systems Wind Power Guide - how to use wind energy to generate power (OneToRemember Energy Guides Book 1) Small Wind Turbines: Analysis, Design, and Application (Green Energy and Technology) Model of Human Occupation: Theory and Application (Model of Human Occupation: Theory & Application) Energy Harvesting: Solar, Wind, and Ocean Energy Conversion Systems (Energy, Power Electronics, and Machines) Renewable Energy Made Easy: Free Energy from Solar, Wind, Hydropower, and Other Alternative Energy Sources Reiki: The Healing Energy of Reiki - Beginnerâ ™s Guide for Reiki Energy and Spiritual Healing: Reiki: Easy and Simple Energy Healing Techniques Using the ... Energy Healing for Beginners Book 1) Coal Power Technologies Explained Simply: Energy Technologies Explained Simply (Volume 6) Wind

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