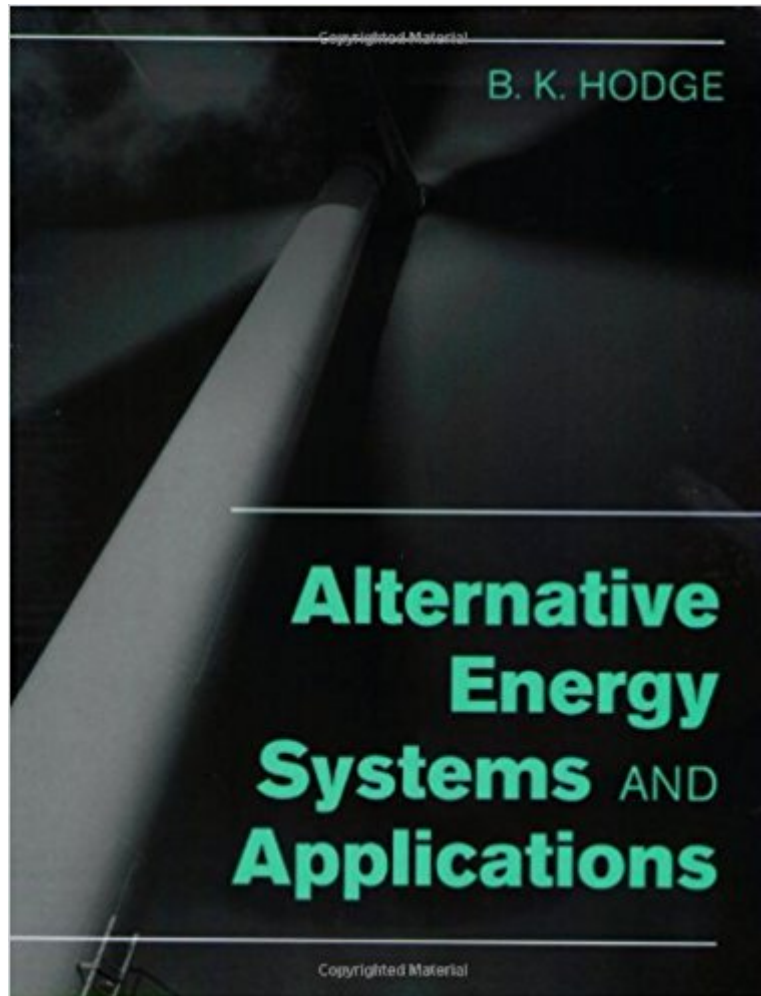




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Alternative Energy Systems And Applications



Synopsis

The solution to our current energy dilemma will contain features of both alternate energy sources and alternate use of existing energy sources. In order to help engineers find this solution, *Alternative Energy Systems* covers a wide range of concepts. They will examine areas involving reat turbomachine and solar energy, CHP applications, and additional alternate energy concepts. All chapters focus on first-order engineering calculations. Alternate energy topics are also equated to topics related to renewable energy resources. Engineers will learn how to apply these concepts to find new solutions.

Book Information

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Customer Reviews

This book is a mixed bag. Some chapters are better than others. It provides very concise introductions to a wide range of energy technologies (hydroelectric, wind, geothermal, nuclear, biomass, ocean thermal, solar photovoltaic, solar thermal, wave power, etc.) The problem is that no single author can be an expert on all the topics covered. The author is a Mechanical Engineering professor, and it is clear that is where his strengths are. Some chapters, like the ones covering nuclear and biofuels, are very superficial. The book could be made stronger by having multiple authors having expertise covering the range of topics. The book is suitable as a textbook for an undergraduate elective course or introductory graduate course, but the instructor will need to supplement the weak parts of the text. It is good for understanding the very basics of how different energy conversion systems work.

It is a very good book. It has some typos and some mistakes. Some areas needs more work such as Turbomachinery but in general it is the best book in Energy Solutions (power plants other than fossil fuels) in the market. I definitely recommend this book.

This is an introduction to energy. The chapters are fairly broad and the examples are not very detailed. There are many errors if you don't pay enough attention. It's good for reference, but don't expect the book to help you with too many examples.

good

Big help

I received it in good condition

It is one of the best that I ever seen. There are varieties of alternative energy way. The writer address his idea clearly and by organized way.

Book was in great condition and an interesting read. It was required for a college class, but I would read it even if it wasn't.

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