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Visualization, Modeling, And Graphics For Engineering Design (Available Titles CourseMate)



Synopsis

A new book for a new generation of engineering professionals, Visualization, Modeling, and Graphics for Engineering Design was written from the ground up to take a brand-new approach to graphic communication within the context of engineering design and creativity. With a blend of modern and traditional topics, this text recognizes how computer modeling techniques have changed the engineering design process. From this new perspective, the text is able to focus on the evolved design process, including the critical phases of creative thinking, product ideation, and advanced analysis techniques. Focusing on design and design communication rather than drafting techniques and standards, it goes beyond the "what" to explain the "why" of engineering graphics.

Book Information

Series: Available Titles CourseMate

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Customer Reviews

This book is very well written. It is written in a way that is not specific to any CAD software package, it is generalized in that regard. It is very detailed at what tries to teach and often gives analogies so that the reader can better understand the concepts. The author seems knowledgeable about the subject and there are plenty of illustrations. It is a bit pricey, but it is worth it. I learned a lot from this book and I had no previous knowledge of or experience with any CAD software.

The book I got doesn't have all the chapters.OK,same name and same ISBN but different book.It written Fundamentals on the bottom of the book.Choose carefully~~~~~

If you're taking a course about engineering design and your professor selected this book he/she made a good decision. I first it looks a bit intimidating because of its size and weight; don't be. This book explain everything in a simple and uncomplicated manner all the concepts you need to learn. You don't have be a NASA engineers in order for you to understand what they are saying. I started reading my assignment, basically read through chapter 1, and I got so sucked into it that I end up reading up to half of chapter 3. Overall it's a nice book to learn how engineers work up to a final design.

For all of your computer-aided designing needs, Lieu's book has what you need. It's worth the price you pay, which is a plus for any college student.

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