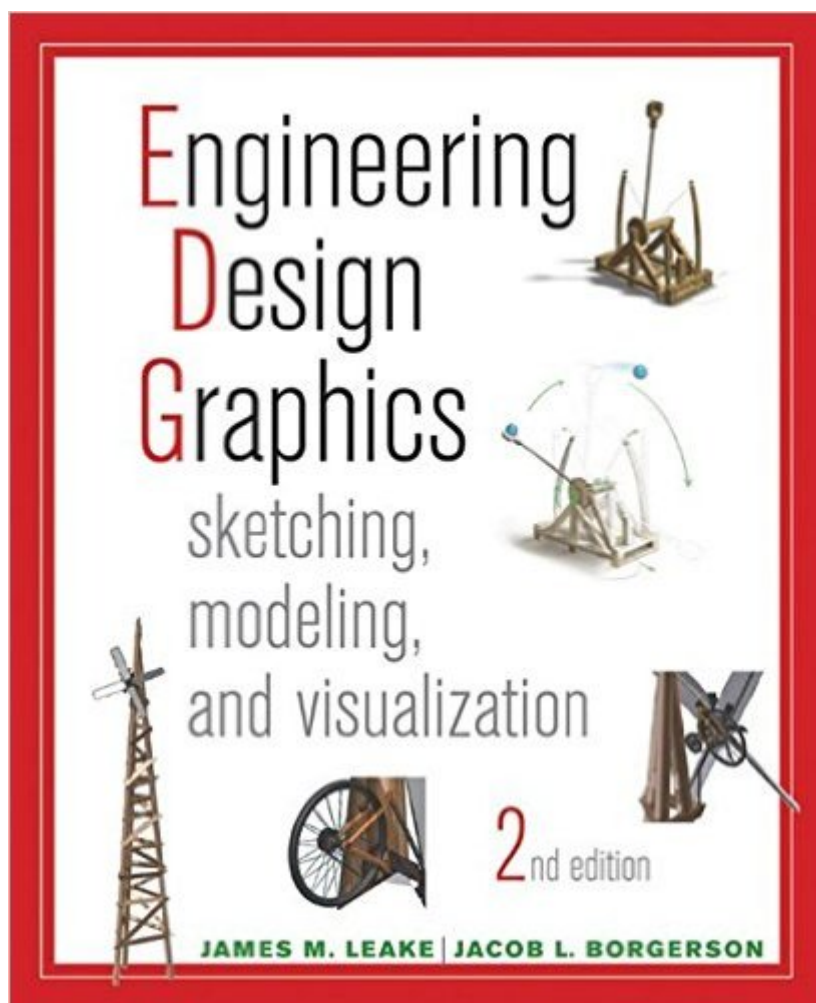


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# Engineering Design Graphics: Sketching, Modeling, And Visualization



## Synopsis

James Leake's 2nd Edition of Engineering Design Graphics builds upon the previous text with more in-depth and enhanced information on projection theory that provides instructional framework and freehand sketching for learning important graphical concepts. Furthermore, the text provides clear, concise information about topics addressed in modern engineering design graphics as well as hundreds of additional sketching problems, all serving to develop sketching skills for ideation and communication and to develop critical spatial visualization skills.

## Book Information

Paperback: 400 pages

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Average Customer Review: 3.8 out of 5 stars See all reviews (5 customer reviews)

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## Customer Reviews

I enjoyed this book and found it to be an excellent resource work. It is a little difficult to read cover to cover only in that each concept is covered very briefly... sometimes in as little as one or two sentences. Another example or two... or a few more sentences of explanation... would have been helpful for a number of the concepts. I do recommend this book for anyone that wants to learn about this subject.

While I'm interested in learning drafting techniques, which this book is designed to show you, my main interest is in 3D graphics using tools like Blender or 3DS Max. This book gives you hand-drawn lessons that can be translated to 3D modeling. In fact, chapter three contains nearly 80 "homework" drawings that make for great 3D modeling practice. (I've posted an example image, click the book cover to see.) I'm not an engineer or a student, so I can't speak to it being useful in class or out in the field--for my use, though, it was a worthwhile read. The downgraded star is for the

cost, the same information sold to a general audience instead of an academic audience would have likely been half as much; however it does get four stars for it's thoroughness, clarity, and abundance of examples to practice. Bottom line: Despite the good quality of the instruction and examples, unless you are new to 3D modeling or you plan on doing some engineering-style sketching, then this book may not be worth the price for your needs.

Very detailed, small and light enough to carry around. Definitely worth the price

college required

The book is barely used in class, except for two assignments that are worth almost nothing, and you can photocopy the pages used from someone's!

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