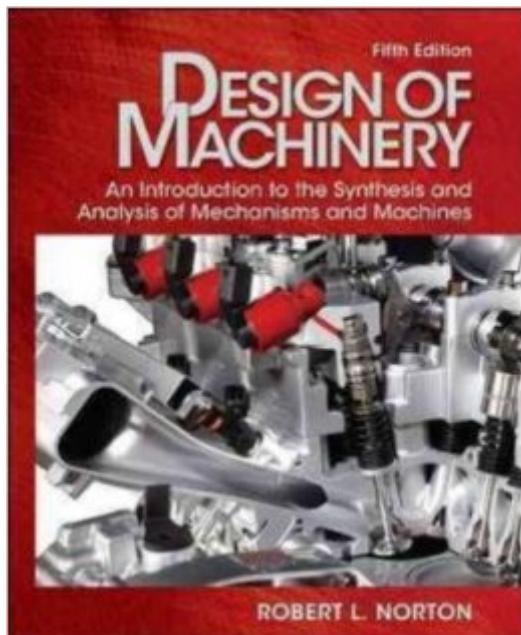


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# Design Of Machinery With Student Resource DVD (McGraw-Hill Series In Mechanical Engineering)



## Synopsis

Robert L. Norton's fifth edition of DESIGN OF MACHINERY continues the tradition of this best-selling book through its balanced coverage of analysis and design and outstanding use of realistic engineering examples.

## Book Information

Series: McGraw-Hill Series in Mechanical Engineering

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Average Customer Review: 3.6 out of 5 starsÂ  See all reviewsÂ (29 customer reviews)

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## Customer Reviews

I am currently a senior working toward my ME degree. This is the worst book that I have had to use. The author references diagrams from chapter 1 when you are in chapter 7, so you are constantly flipping pages back and forth. Not that big of a deal, right? That is what I thought until I actually had to do it. It stinks. There are typos EVERYWHERE in this book. Not to mention that almost 1/4 of the diagrams have at least one mislabeled "element", whether it be a position vector or an incorrectly marked "Omega". Having "omega 2" located on 3 different points of a link system is not correct. They should have been labeled "omega 2", "omega 3"..... I know that the author has been writing text books for over 20 years. It is sad when an engineering student that is trying to grasp kinematic concepts is constantly finding inconsistency in the book.

I understand that it is easy to make little mistakes and drop subscripts but I'm a student looking at this the first time and it is horrible to try to figure out all of the notation mistakes in this book. I've never seen so many errors in a single book that actively detract from the knowledge. Subscripts will

consistently be left off. Worst than that derivative notation is awful and its often hard to decipher at first glance what is going on because you think the author is multiplying the position by a mass to get a force and you think to yourself this is weird but I'm also just learning this so I'll press on, only to realize your intuition was right and the author was multiplying by acceleration and the double dots over the x were "assumed". Completely demoralizing to be catching SO MANY typos in a 5th edition book that retails for \$ 250 new.

I bought the fifth edition. There's a joke in the preface that says:"How many times do you have to do this to get it right, Norton?" - Editor"I plead the fifth." - The AuthorI'm sure the author thought he was being very clever saying this. The fact is, as a student who reads this you will not be laughing. The book is plagued by laziness. There are typos. There are figures the author expects you to refer back to that are pages away. There is little difference, content-wise or problem-wise, between this edition and the third edition I have seen. It is nothing but a desperate cash grab. If you are forced to use this book for a class, look into the older editions.Edit: Many of the programs on the DVD do not work with Windows 10, rendering the DVD useless.

This is not a good book to learn with. Maybe it was my instructors methods that were terrible, but this book only seemed to add to the misery. I've never used a textbook that told you to see a figure that is over 100 pages away. I don't know if there are any figures that are actually on the same pages in the textbook. Maybe that seemed like a good idea to a publisher or the authors of this book, but when you are trying to solve a problem in chapter 6 on page 320 and I quote the book "use the angles and positions found for the same linkage and its link 2 position in Example 4-2 (p. 193)"I'm sure it's great if you have a photographic memory. For me it sucked.

I'm not too far into this book yet, but so far it seems to be a pretty standard undergrad level engineering textbook.I do get annoyed when I have to flip between pages because a figure is on one page and its description is on another.

This text was used as a suplimental to my class and whenever I did not understand a topic, I turned to the book. That was my first mistake. This book is laid out poorly and the sample problems are not helpful. If your professor does not teach well, good luck using this book.

My professor guarantees that a person could basically build a complete engine after reviewing this

textbook and I would agree. Great content and examples.

it's big and heavy, but it has a ton of information in it, which although looks a little out of order, is definitely well organized.

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