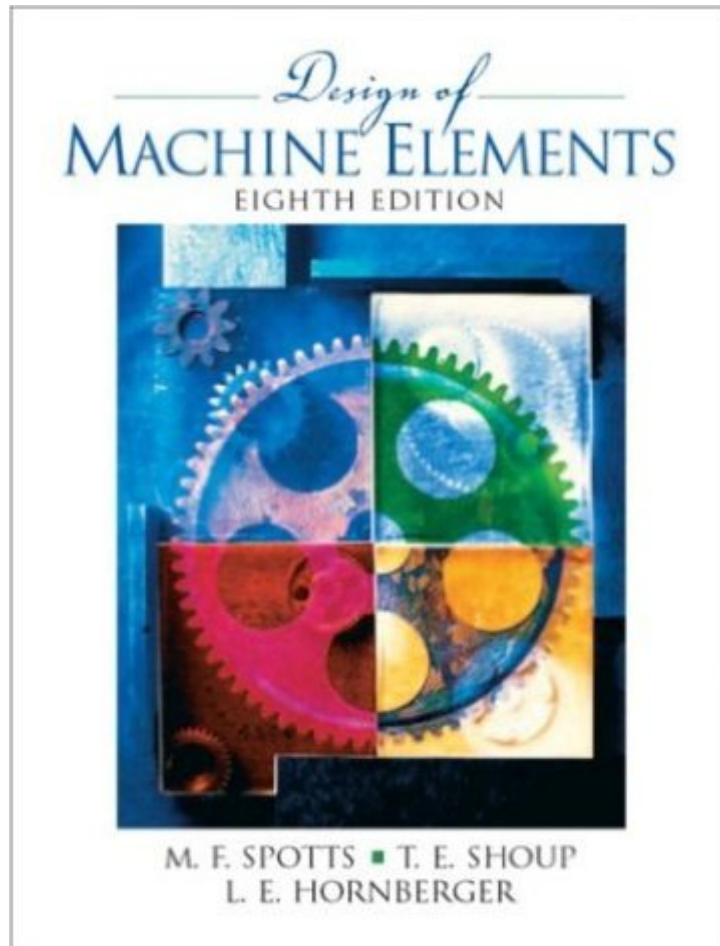


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# Design Of Machine Elements (8th Edition)



## Synopsis

Now considered a classic in its field, this book provides a comprehensive survey of machine elements and analytical design methods. This book covers the tools and techniques necessary to facilitate design calculations for the most frequently encountered mechanical elements. For professionals in the field of Machine Design who need a comprehensive reference on the subject.

## Book Information

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This book is so full of errors it is unbelievable that it is a seventh edition. Examples are non-existent in relation to problem assignments. Those that are given are full of errors either from the author or the typesetter. The solution manual IN ADDITION to this text are required to get any sort of learning from it. It is definitely not worth the price that the publisher sets. If you are looking for a text for a college class, look somewhere else.

This book is so terrible that, if you are enrolled in a class for which this is the required text, I suggest that you drop the class or demand another reference from your professor. During my undergraduate curriculum I used this textbook for 2 separate college courses on machine design, and so feel qualified to say that this is by far the worst textbook I have dealt with in my whole academic career. The 8th edition is full of even more errors than the 7th edition, so much so that it is almost laughable that the author even SUPPLIES "answers" for his chapter questions. Numbers are wrong, equations are incorrect and references to tables and graphics are abhorrent. The book is notorious for, in text

explanations and sample problems, referring to uncited charts and graphs that are either no longer in the book or are hundreds of pages ahead. Good luck finding them. Errors aside, the book is an incoherent sampling of approximation techniques that may be suitable for the occasional industry user but are unacceptable for somebody seeking knowledge and understanding. Please do not reward the publisher with ANY money for this book.

This is one of the worst books I've ever read for the design of machine components. Not only are there hardly any sample problems, the book is filled with errors. The authors shown no sign of consistency or process for any of the problems that are worked out. If you want to learn the design of machine components, I strongly suggest learning it from another book.

Extreme amount of errors. Most Professors won't bother using the answers or problems in the book due to the many many many errors. For a student trying to learn the material this becomes very frustrating when you've got the right answer but the book says otherwise and you double and triple check yourself. There are plenty of other in depth books out there that I would rather use. If your college still uses this book it would be best to get a solution manual to accompany it to save yourself the headaches of figuring out what you did wrong.

If there were ever a textbook to avoid, this is the one. I've never actually hated a book, but this one makes my head hurt every time I have use it. Like other reviewers have noted, it's very vague, the example problems leave a lot to be desired, and there are errors throughout the book. By far, it is not an easy book to read, and even after re-reading chapters there are still parts that do not make sense. I have had to use this book for two machine element courses, and both professors admitted this book is not very good and we'd be better off using Mott's Machine Elements book.

The Newer Edition of this books has many errors, too numerous to list. Most of the errors are due to the newer computer graphics the publisher used. In the 6th edition the formulas and graphics were of good quality black and white drawings and print. Now, in the 8th Edition, the publisher is using color graphics that are reproduced in the text as grey scale. It is sometimes very hard to read the drawings because they are too busy. The formulas have been redone using the computer and not enough attention was used to make sure these are correct. The authors also tried to make use of excel sheets from the CD supplied. Using Excel, in my opinion, is much better then using a custom program that you will never use again. In making such a good CD the author has taken out many of

the formulas and has now made it difficult to read this book while not in front of a computer. This is not the worst text book I have seen, it does have some good points. The 7th edition is much better, and if you really would like to get a book on Machine Design use Juvinall 2nd Edition

Shoup's attempt to continue Spott's legacy is admirable, but wreckless. The frequent errors ruin the author's credibility. The author fails to provide adequate information in his examples and the data seems to mysteriously appear. Integration of the CD-ROM program diminishes a proper foundation of the material presented. The CD-ROM also requires Excel '97, and has no usable directory. In my opinion, the book can deter a student's interest and unsteady a firm base of education. \$100 ???!!!

This book is horrible. It is unorganized! The author consistently flows from one topic to the next without fully developing a concept and even introduces variables without defining or explaining their relevance. But WORST OF ALL are the loads and loads of typos. The text has them, the problem sets have them, and not to be outdone the solutions manual has them. Nothing is more frustrating then trying to learn from a book that is riddled with blatant errors. The credibility of it is lost. Tell your professor to use Shigley's Mechanical Engineering Design. It is light years ahead.

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