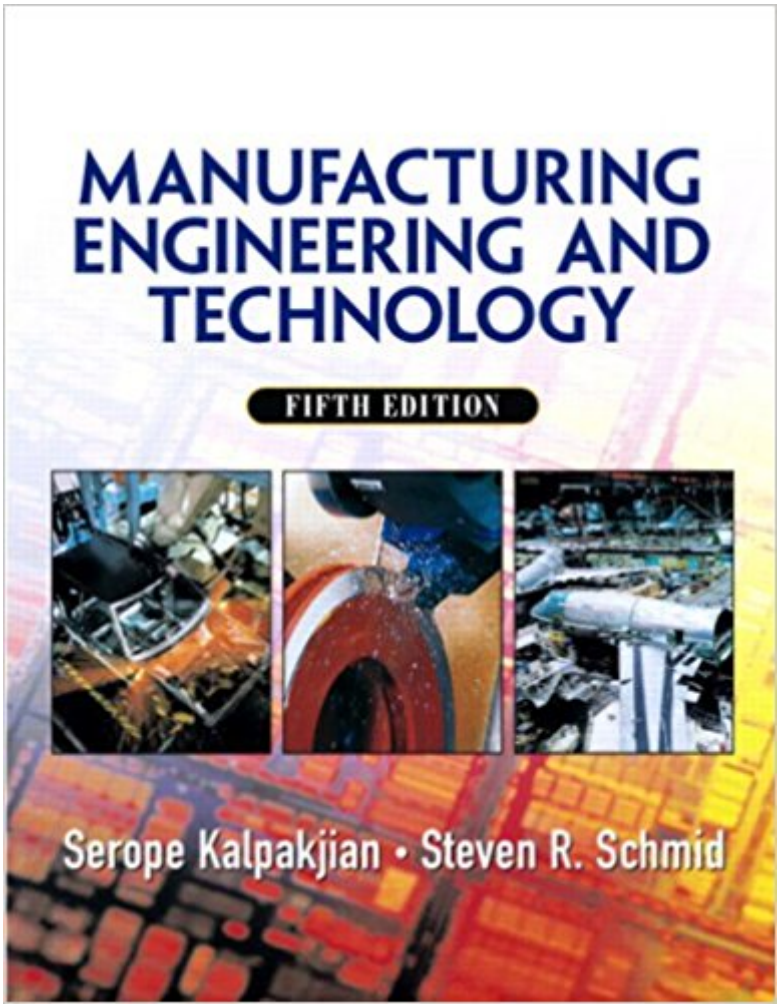
Manufacturing, Engineering & Technology (5th Edition)



Synopsis

Ã Â Manufacturing, Engineering and Technology 5/e is intended for students of manufacturing in manufacturing , mechanical, or industrial engineering programs at both the Associate Degree or Bachelor Degree level.Ã Â The book emphasizes a mostly qualitative description of the science, mathematics and the technology and practice of manufacturing, including detailed descriptions of manufacturing processes and the manufacturing enterprise.Ã Â The book has been completely updated, and addresses issues essential to modern manufacturing, ranging from traditional topics such as casting, forming, machining, and joining processes, to advanced topics such as the fabrication of microelectronic devices and microelectromechanical systems (MEMS). With a large number of case studies and examples, up to date and comprehensive coverage of all topics, and superior graphics, the book provides a good background for manufacturing students as well as professionals.

Book Information

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Customer Reviews

The book has typos and mistakes throughout. The tables, many of which are used in the chapter problems, are imprecise to the point of being almost useless. Indeed, some of the answers to the problems are incorrect. I had to use Wikipedia to figure out why some of the problems were not coming out and it turned out to be because the questions gave faulty information. This book sucks. Find something else to use for your Engineering course. Pearson should be ashamed to publish this.

This book is not worth the money it costs. It hasn't been proofread from its last edition very well, still referring to old diagrams that aren't renumbered in their proper order. Also, most of the questions it asks for homework actually require that students get the answers online because they don't even address them in the book. Also, there are typos on several equations they report in the book. This can give the students confusion on which equation is actually correct and provides inconsistences in the math the authors exhibit in their examples. Upon looking at some solutions in the solutions manual, it expects students to somehow know they are not incorporating friction when the book doesn't even specify to do so. Overall, it does not seem that this book was well thought out. It seems that it was just put out quick in order to have a new edition from which to make money. I would not recommend this as a textbook for any class.

The book was easy to follow and not boring, at least in my opinion. I will most likely be using it in the future for recalling information.

Good book. Very detailed. I get more out of reading the book than I do from the in-class lectures. My only complaint is that some of the homework problems are a little unclear as to what they are asking for.

This book has great videos with demonstrations about different processes. On the other hand, this book has many errors along the chapters. Some of the charts and tables in it are not accurate.

i used this book for MIT qualifying exams and it was a good overview. it covers quite a bit in terms of processes...and not very mathy. a few errors in there, but good reference overall.doesnt deal with lean manufacturing or six sigma type stuff really.this will break your back if you have to carry it around while studying (like i did).

Excellent Textbook for introduactory course in manufacturingFull of details drawings, figures and videos. IS units are used in the book.

This book is very easy to read and understand. Perfect for anyone who wishes to learn about Engineering.Highly recommended

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