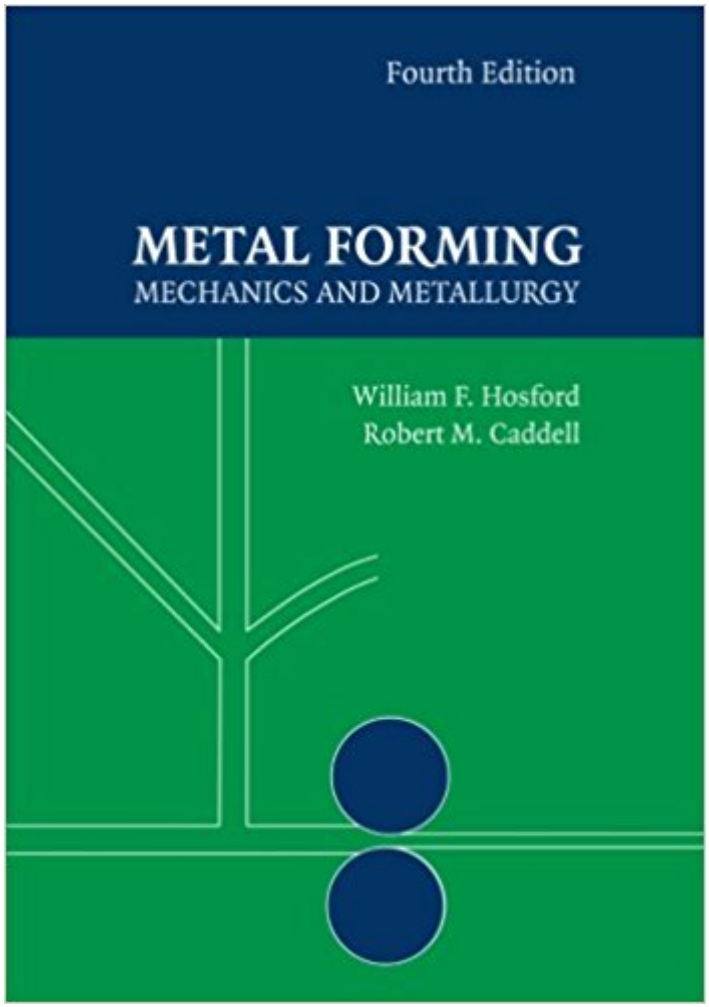
Metal Forming: Mechanics And Metallurgy



Synopsis

This book helps the engineer understand the principles of metal forming and analyze forming problems--both the mechanics of forming processes and how the properties of metals interact with the processes. In this third edition, an entire chapter has been devoted to forming limit diagrams and various aspects of stamping and another on other sheet forming operations. Sheet testing is covered in a separate chapter. Coverage of sheet metal properties has been expanded. Interesting end-of-chapter notes have been added throughout, as well as references. More than 200 end-of-chapter problems are also included.

Book Information

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Customer Reviews

"very good coverage of the principles of mechanical metallurgy...Recommended." - CHOICE

This new book helps the engineer understand the principles of metal forming and analyze forming problems--both the mechanics of forming processes and how the properties of metals affect the processes. Interesting end-of-chapter notes have been added throughout, as well as references. More than 200 end-of-chapter problems are also included.

There’s a lot of info in this book that is extremely helpful..... if only you can understand it through all the typos. There’s a reason why so many people are rating this so bad. There’s an error on pretty much every page. Only get it if your professor really really really knows what they are talking about and can guide you through it. If you’re trying to learn on your own.. good luck because there’s so

many errors you wont know whats right and whats a mistake.

Lots of useful information and a great reference to start learning how to design roll-forming tooling and parts in Ansys

This book has a lot of errors and typos...

First of all, it was waste of money buying this book.A lot of errors in the explanation as well as example problems. Their units and calculations are wrong(many of them).This is already a very complicated subject and you never want confused by the wrong text book example problems. It is just a disaster spending time and effort to try to understand that wrong example problems.Also There is not enough explanations in some chapters. More over, some sections have title and one sentence and that is it. I was shocked when I was assigned a homework problem and that section has pretty much nothing. I could not even study or figure out that problem.There is one good thing about this book. There is only 300 pages so its not that heavy compared to other engineering books.Recommend for Professors. You can lower the class average and achieve higher reputation.

This is one of the classic texts on metal forming and it was nice to be able to get a copy of it for a reasonable price. The descriptions of the metal behavior under complex loading paths is thorough and relatively easy to understand. It is an essential source for anyone who studies metal plasticity.

Horrible book, many mistakes. My professor is driving crazy trying to correct all of them!I almost fail my first exam because of one of these mistakes.If you need to buy it, do it in Kindle version, is cheaper.

You’d think that someone took great care to review and edit the book properly. Ever since it started being published by Cambridge, this (perhaps classic) text has become truly horrible. There are incorrect formulae and some exercise questions don’t make any sense at all. Further, I was TAing a course based on this book, and it has been an absolute nightmare! Please correct the innumerable typos and errors in the book before releasing subsequent versions, Cambridge!

Way too many mistakes in this edition. I wonder if someone’s has proof read this edition or not. I use this as my course textbook and I must say that this is easily one of the worst textbooks ever

written. I wasted a lot of time on a question just to figure out that there was a typo in that. Horrible!!