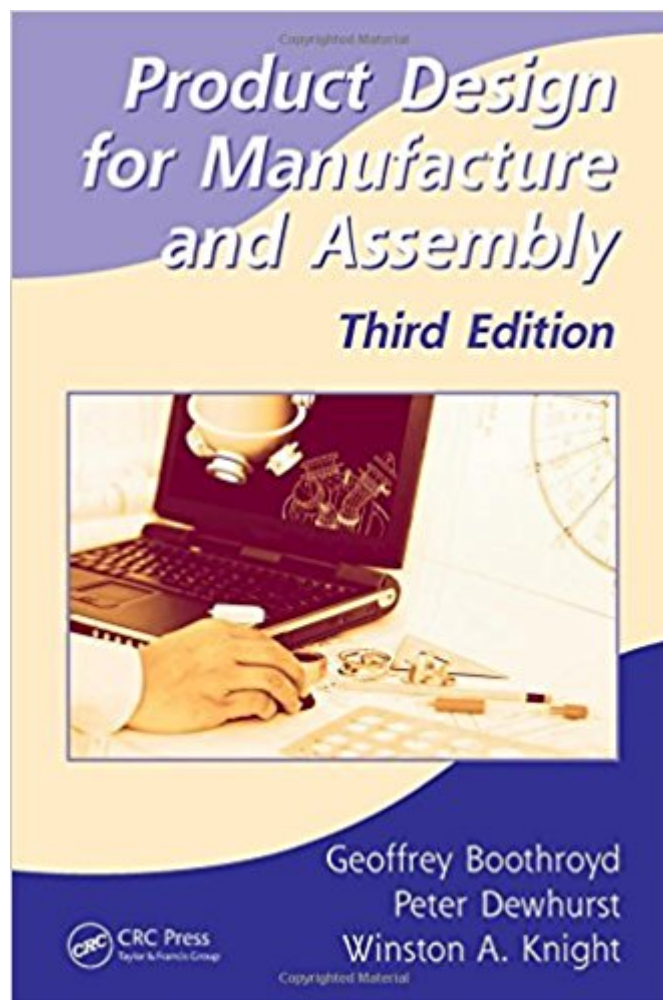




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Product Design For Manufacture And Assembly, Third Edition (Manufacturing Engineering And Materials Processing)



Synopsis

Hailed as a groundbreaking and important textbook upon its initial publication, the latest iteration of *Product Design for Manufacture and Assembly* does not rest on those laurels. In addition to the expected updating of data in all chapters, this third edition has been revised to provide a top-notch textbook for university-level courses in product design and manufacturing design. The authors have added a comprehensive set of problems and student assignments to each chapter, making the new edition substantially more useful. See what's new in the Third Edition:

- Updated case studies on the application of DFMA techniques
- Extended versions of the classification schemes of the features of products that influence the difficulty of handling and insertion for manual, high-speed automatic, and robot assembly
- Discussions of changes in the industry such as increased emphasis on the use of surface mount devices
- New data on basic manufacturing processes
- Coverage of powder injection molding

Recognized as international experts on the re-engineering of electro-mechanical products, the methods and guidelines developed by Boothroyd, Dewhurst, and Knight have been documented to provide significant savings in the product development process. Often attributed with creating a revolution in product design, the authors have been working in product design manufacture and assembly for more than 25 years. Based on theory yet highly practical, their text defines the factors that influence the ease of assembly and manufacture of products for a wide range of the basic processes used in industry. It demonstrates how to develop competitive products that are simpler in configuration and easier to manufacture with reduced overall costs.

Book Information

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Customer Reviews

"If you are a manufacturer needing to reduce the cost of your products in a highly competitive international market, go out and buy this book. If you are a manufacturing student looking to learn something that will increase your value to potential employers, go out and buy this book. If you are a design engineer who wants to make for a penny, what a fool can make for two then go out and buy this book . . . it is a practical book, it works spectacularly well in the real world." —Ernie Appleton, in *Industrial Robot*, April 2008 Praise for the First Edition "...presents an excellent analysis of the evaluation methods of cost and performance of manufacturing and assembling technologies — an excellent reference." —European Journal of Mechanical Engineering, 1995

Boothroyd Dewhurst Inc., Wakefield, Rhode Island, USA University of Rhode Island, Kingston,
Rhode Island University of Rhode Island, Kingston, USA

This book was by far the Worst book I have ever had to use for any of my classes in my Masters program. It was poorly written and even worse, it had an abundance of mathematical errors that made me think the editing was the fault. Each chapter had at least... AT LEAST one mathematical error which in turn completely ruined this whole class for me. It was unfortunate because I truly wanted to learn in this class but when we were forced to use the equations out of the book that would differ from examples in the book, it was unclear on which equation to use. I feel that I studied tremendously for my tests from this book, but I learned the wrong thing. This definitely needs to be rewritten and reviewed at least 100 times before it is released again. What a waste of money.

needed for school

Advertised as hard back from the UK, but arrived as paperback international version (pirated?) from somewhere in India.

Mediocre at best. This book gets worse when you in a accelerated engineering program.

Received the book in shrink wrap appeared to be new, however 18 pages of the first chapter were blank, obviously a misprint.

I got this book at the recommendation of a professor here on campus. It is loaded with helpful information and details about product design. I have been an design engineer for over 30 years and this book is great!

Easy to follow. I enjoy the design/manufacture topics. Packaging and condition were good as stated. No issues to report. Hah!

It suppose to be new but it was not.

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