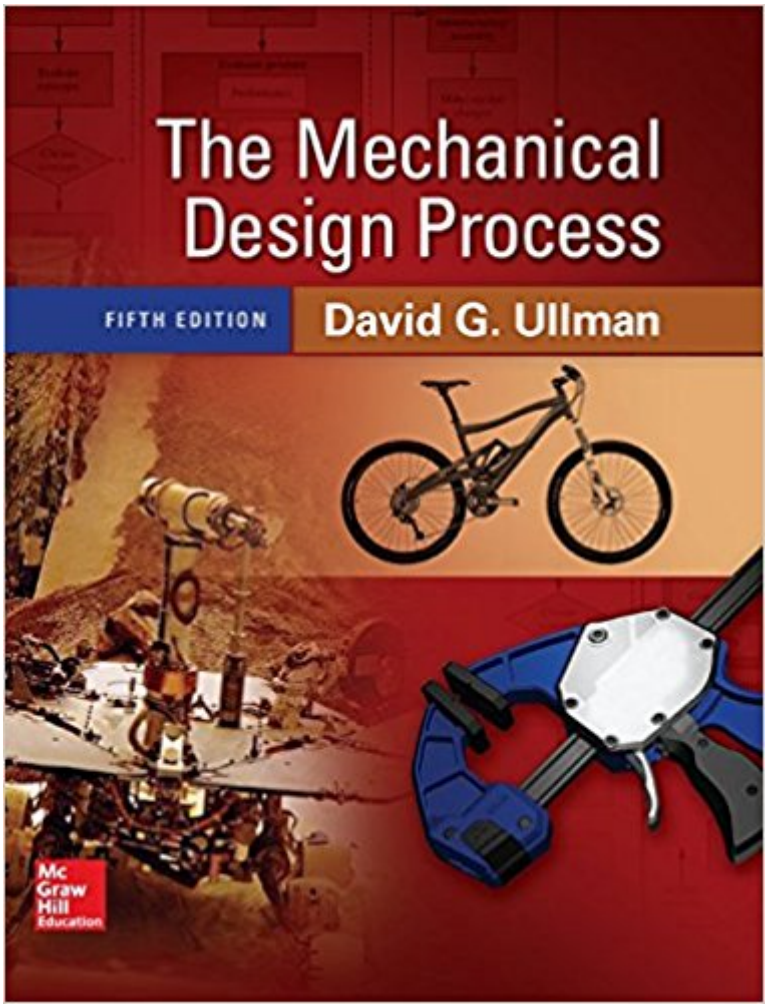
The Mechanical Design Process (Mechanical Engineering)



Synopsis

The Mechanical Design Process combines a practical overview of the design process with case material and real-life engineering insights. Ullman’s work as an innovative designer comes through consistently, and has made this book a favorite with readers. This book conveys the "flavor" of design, addressing both traditional engineering topics, as well as real-world issues like creative thinking, synthesis of ideas, visualization, teamwork, sense of customer needs and product success factors, and the financial aspects of design alternatives, in a practical and motivating manner. New in this edition are examples from industry and over twenty online templates that help students prepare complete and consistent assignments while learning the material.

Book Information

Series: Mechanical Engineering

Hardcover: 480 pages

Publisher: McGraw-Hill Education; 5 edition (January 5, 2015)

Language: English

ISBN-10: 0073398268

ISBN-13: 978-0073398266

Product Dimensions: 7.5 x 1 x 9.4 inches

Shipping Weight: 2 pounds

Average Customer Review: 4.7 out of 5 stars 4 customer reviews

Best Sellers Rank: #115,938 in Books (See Top 100 in Books) #54 inÂ Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design #77 inÂ Books > Engineering & Transportation > Engineering > Mechanical > Machinery #207 inÂ Books > Textbooks > Engineering > Mechanical Engineering

Customer Reviews

This textbook was required for class and I used the Rental program for it (which is great, btw).The book reads a bit wordy, ideas are a bit repetitive, but you will learn some new things. One semester only covered half the book so that’s all I can say about it so far.

Fast delivery and just what I needed for class. Thanks!

It’s a textbook. Good condition.

Excellent book covering a wide variety of aspects needed to properly design products - including how to make sure that the project teams function properly. Includes templates that can be used for senior design classes.

The Mechanical Design Process (Mcgraw-Hill Series in Mechanical Engineering) The Mechanical Design Process (Mechanical Engineering) Shigley's Mechanical Engineering Design (McGraw-Hill Series in Mechanical Engineering) Biofuels Engineering Process Technology (Mechanical Engineering) Geometric Dimensioning and Tolerancing for Mechanical Design 2/E (Mechanical Engineering) Code Check Plumbing & Mechanical 4th Edition: An Illustrated Guide to the Plumbing and Mechanical Codes (Code Check Plumbing & Mechanical: An Illustrated Guide) Chemical Engineering Design: Principles, Practice and Economics of Plant and Process Design Chemical Engineering Design Principles, Practice & Economics of Plant & Process Design Chemical Engineering Design, Second Edition: Principles, Practice and Economics of Plant and Process Design Practice Problems for the Mechanical Engineering PE Exam, 13th Ed (Comprehensive Practice for the Mechanical Pe Exam) Process Equipment Malfunctions: Techniques to Identify and Correct Plant Problems (Mechanical Engineering) Graphic Design Success: Over 100 Tips for Beginners in Graphic Design: Graphic Design Basics for Beginners, Save Time and Jump Start Your Success (graphic ... graphic design beginner, design skills) Gravity Sanitary Sewer Design and Construction (ASCE Manuals and Reports on Engineering Practice No. 60) (Asce Manuals and Reports on Engineering ... Manual and Reports on Engineering Practice) G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) Thermodynamics: An Engineering Approach (Mechanical Engineering) Engineering Mechanics: Statics (Mechanical Engineering) Water and Wastewater Engineering (Mechanical Engineering) Geotechnical Earthquake Engineering, Second Edition (Mechanical Engineering) Flow-Induced Vibrations: An Engineering Guide (Dover Civil and Mechanical Engineering) Modal Testing, Theory, Practice, and Application (Mechanical Engineering Research Studies: Engineering Dynamics Series)