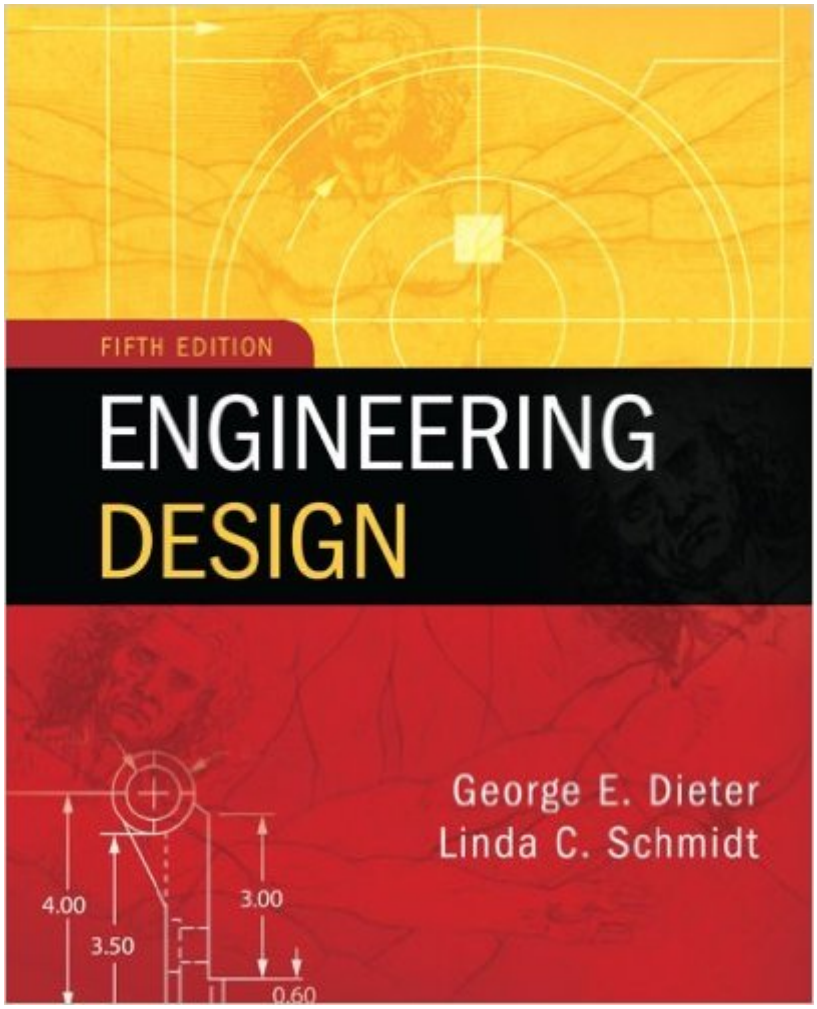
Engineering Design



Synopsis

Dieter's Engineering Design represents a major update of this classic textbook for senior design courses. As in previous editions, Engineering Design provides a broader overview of topics than most design texts and contains much more prescriptive guidance on how to carry out design. Dieter focuses on material selection as well as how to implement the design process. Engineering Design provides the senior mechanical engineering students with a realistic understanding of the design process. It is written from the viewpoint that design is the central activity of the engineering profession, and it is more concerned with developing attitudes and approaches than in presenting design techniques and tools.

Book Information

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Average Customer Review: 4.1 out of 5 starsÂ Â See all reviewsÂ (9 customer reviews)
Best Sellers Rank: #237,217 in Books (See Top 100 in Books) #21 inÂ Books > Engineering & Transportation > Engineering > Design #319 inÂ Books > Textbooks > Engineering > Mechanical Engineering #808 inÂ Books > Engineering & Transportation > Engineering > Mechanical

Customer Reviews

Although the book seems to attempt to demonstrate how one would go about designing, selecting materials, manufacturing, marketing, safety, etc. Its really not easy to grasp such concepts without hands one experience or involvement. The book is easy to read and does provide some really good detail on benchmarking materials, intellectual property / patents, and safety. It just doesn't seem like you can teach design even if you attempt to do it through concepts and case studies. Also the book suggest design via a materials approach but this is misleading because it doesn't look at it from a material science viewpoint rather what materials are available with this property at what cost.

Almost new. Excellent.

I appreciate that it is a text that covers the design process for product design and development. Wish it covered a little more in depth in some areas but it is overall pretty good.

=)

Book arrived in great condition.

G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) Algorithms: C++: Data Structures, Automation & Problem Solving, w/ Programming & Design (app design, app development, web development, web design, jquery, ... software engineering, r programming) Feng Shui: Wellness and Peace- Interior Design, Home Decorating and Home Design (peace, home design, feng shui, home, design, home decor, prosperity) Earthquake Engineering: From Engineering Seismology to Performance-Based Engineering Fundamentals of Earthquake Engineering (Civil engineering and engineering mechanics series) Tissue Engineering I: Scaffold Systems for Tissue Engineering (Advances in Biochemical Engineering/Biotechnology) (v. 1) Earthquake Engineering: Damage Assessment and Structural Design (Methods & Applications in Civil Engineering) Shigley's Mechanical Engineering Design (McGraw-Hill Series in Mechanical Engineering) Chemical Engineering Design and Analysis: An Introduction (Cambridge Series in Chemical Engineering) Biomedical Engineering and Design Handbook, Volume 1: Volume I: Biomedical Engineering Fundamentals Mechanical Engineering Design (McGraw-Hill Mechanical Engineering) Exploring Engineering, Third Edition: An Introduction to Engineering and Design Engineering Design (Engineering Series) Flexibility in Engineering Design (Engineering Systems) Reinforced Concrete: Mechanics and Design (4th Edition) (Civil Engineering and Engineering Mechanics) Modern Ceramic Engineering: Properties, Processing, and Use in Design, 3rd Edition (Materials Engineering) Random Seas and Design of Maritime Structures (Ocean Engineering) (Advanced Series on Ocean Engineering (Paperback)) Modern Ceramic Engineering: Properties, Processing, and Use in Design, Third Edition (Materials Engineering) Tissue Engineering: Engineering Principles for the Design of Replacement Organs and Tissues Biomimetic Materials And Design: Biointerfacial Strategies, Tissue Engineering And Targeted Drug Delivery (Manufacturing Engineering & Materials Processing)