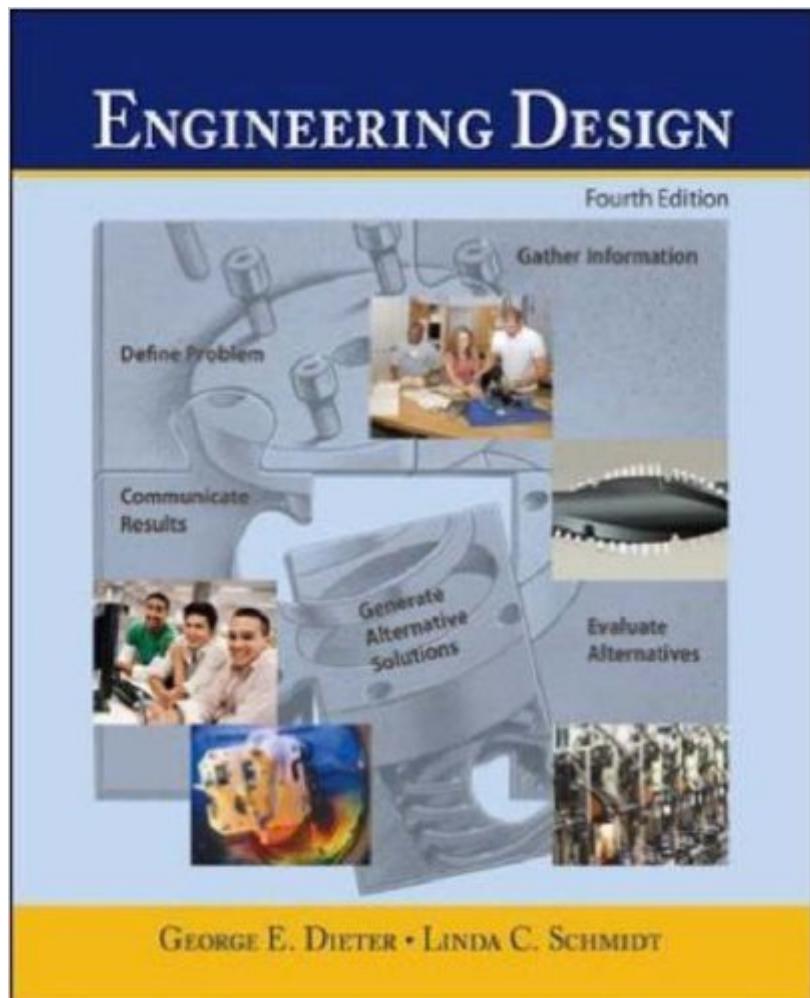


The book was found

# Engineering Design (Engineering Series)



## **Synopsis**

Dieter's Engineering Design 4/e 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. Engineering Design provides a realistic understanding of the engineering design process. The book presents in detail (Chapters 1 through 9) an eight-step process that gives prescriptive guidance to the student from problem definition through detail design. Chapters 10 through 16 present more specific treatment of speciality topics (design for X). The text is intended to be used in either a junior or senior engineering course with an integrated hands-on design project.

## **Book Information**

Series: Engineering Series

Hardcover: 864 pages

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Product Dimensions: 7.7 x 1.6 x 9.3 inches

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Average Customer Review: 4.1 out of 5 stars [See all reviews](#) (9 customer reviews)

Best Sellers Rank: #640,063 in Books (See Top 100 in Books) #70 in Books > Engineering & Transportation > Engineering > Design #936 in Books > Textbooks > Engineering > Mechanical Engineering #2392 in 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 on 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.

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G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) Feng Shui: Wellness and Peace- Interior Design, Home Decorating and Home Design (peace, home design, feng shui, home, design, home decor, prosperity) Algorithms: C++: Data Structures, Automation & Problem Solving, w/ Programming & Design (app design, app development, web development, web design, jquery, ... software engineering, r programming) Shigley's Mechanical Engineering Design (McGraw-Hill Series in Mechanical Engineering) Chemical Engineering Design and Analysis: An Introduction (Cambridge Series in Chemical Engineering) Engineering Design (Engineering Series) Random Seas and Design of Maritime Structures (Ocean Engineering) (Advanced Series on Ocean Engineering (Paperback)) Fundamentals of Earthquake Engineering (Civil engineering and engineering mechanics series) Refining Design for Business: Using analytics, marketing, and technology to inform customer-centric design (Graphic Design & Visual Communication Courses) 2012 Wood Design Package - including the National Design Specification® for Wood Construction (NDS®) & NDS Supplement: Design Values for Wood Construction (4 volumes set) Bathroom Design/Badezimmer Design/Design De Salle De Bains/Banos De Diseno (Designpocket) (Multilingual Edition) J.A. Jance Series Reading Order: Series List - In Order: J.P. Beaumont series, Joana Brady Mysteries series, Ali Reynolds series, Walker Family series (Listastik Series Reading Order Book 13) W.E.B. Griffin Series Reading Order: Series List - In Order: Presidential Agent series, Badge of Honor series, The Corps series, Honor Bound series, Brotherhood ... (Listastik Series Reading Order Book 14) Stephen King Series Reading Order: Series List - In Order: The Dark Tower series, Shining series, Talisman series, The

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