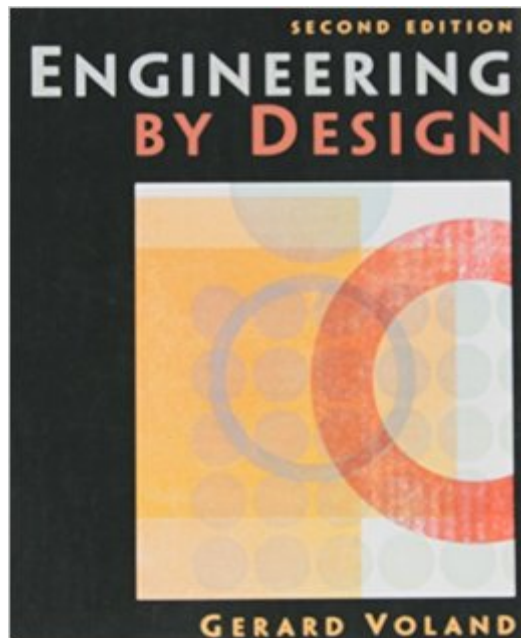


The book was found

Engineering By Design (2nd Edition)



Synopsis

The book introduces readers to a broad range of important design topics. It provides numerous cases that illustrate both successes and failures in engineering design; qualitative presentation of engineering practices are easily understood by readers with little technical knowledge, and analytical techniques are given that allow the development and evaluation of proposed engineering solutions. Coverage includes: an overview of engineering design, needs assessment, structuring the search for the problem, structuring the search for a solution (design goals and specifications), acquiring and applying technical knowledge, abstraction and modeling, synthesis, ethics and product liability issues, and hazards analysis and failure analysis. An excellent handbook for design engineers.

Book Information

Paperback: 640 pages

Publisher: Pearson; 2 edition (December 28, 2003)

Language: English

ISBN-10: 0131409190

ISBN-13: 978-0131409194

Product Dimensions: 7.5 x 1.5 x 9 inches

Shipping Weight: 2.1 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars Â Â See all reviews Â (7 customer reviews)

Best Sellers Rank: #106,565 in Books (See Top 100 in Books) #8 in Â Books > Engineering & Transportation > Engineering > Design #125 in Â Books > Textbooks > Engineering > Mechanical Engineering #308 in Â Books > Engineering & Transportation > Engineering > Mechanical

Customer Reviews

If you are taking an engineering design class or working on an engineering design project then this book is helpful and informative. There are a lot of relevant case studies and design processes outlined that can be useful as you consider the important components of your design. So far my design group has used some of the procedures in the book to help clarify primary design goals and specifications we need to consider as we begin to plan our design. If you are just looking for a fun and interesting read about engineering design, then this probably is not the right book for you though.

I feel sorry for you if this is a required text. You're in for a looooong booooooring semester.

Not bad, sold it for as much as I paid for it. so much better than the book store prices.

Exactly what my son needed for his class!

[Download to continue reading...](#)

G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) Engineering Design Communications: Conveying Design Through Graphics (2nd Edition) 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) Control Engineering, 2nd Edition (Tutorial Guides in Electronic Engineering) Exploring Engineering, Third Edition: An Introduction to Engineering and Design 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) Modern Ceramic Engineering: Properties, Processing, and Use in Design, Third Edition (Materials Engineering) 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) Engineering Design (Engineering Series) Flexibility in Engineering Design (Engineering Systems) Random Seas and Design of Maritime Structures (Ocean Engineering) (Advanced Series on Ocean Engineering (Paperback))

[Dmca](#)