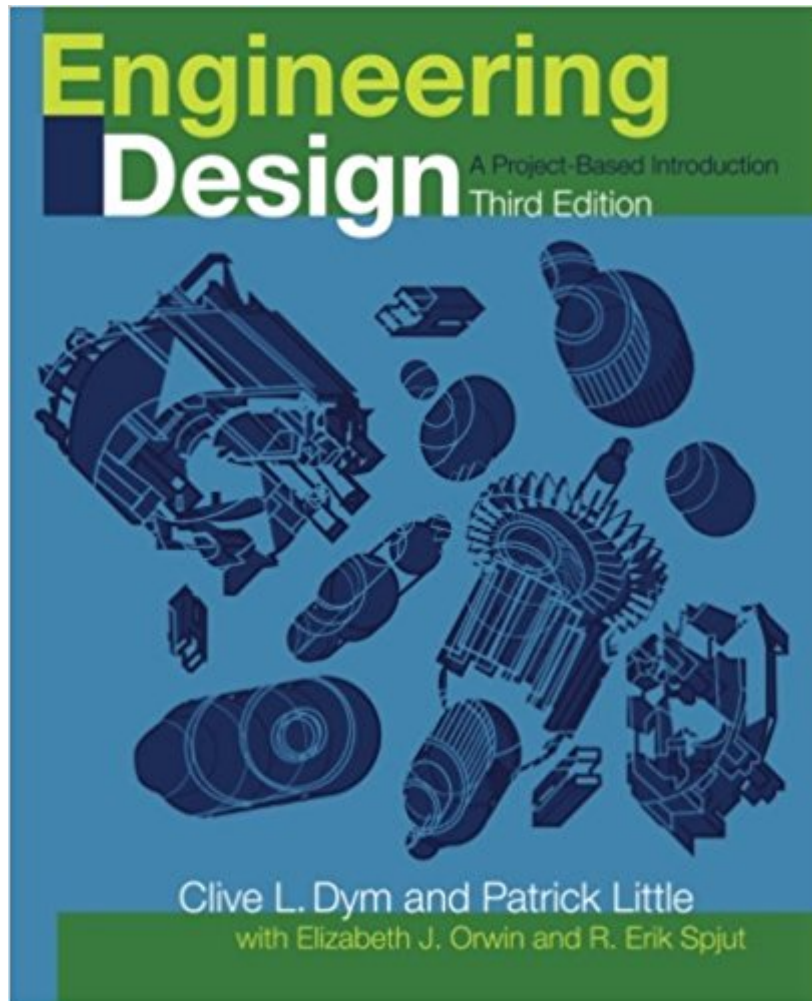


The book was found

# Engineering Design: A Project Based Introduction



## Synopsis

Engineers continue to turn to Engineering Design to learn the tools and techniques of formal design that will be useful in framing the design problems. Insights and tips on team dynamics are provided because design and research is increasingly done in teams. Readers are also introduced to conceptual design tools like objectives trees, morphological charts, and requirement matrices. Case studies are included that show the relevance of these tools to practical settings. The third edition offers a view of the design tools that even the greenest of engineers will have in their toolbox in the coming years.

## Book Information

Paperback: 352 pages

Publisher: Wiley; 3 edition (August 18, 2008)

Language: English

ISBN-10: 0470225963

ISBN-13: 978-0470225967

Product Dimensions: 7.6 x 0.6 x 9.2 inches

Shipping Weight: 1.2 pounds

Average Customer Review: 3.7 out of 5 stars [See all reviews](#) (15 customer reviews)

Best Sellers Rank: #439,532 in Books (See Top 100 in Books) #43 in [Books > Engineering & Transportation > Engineering > Design](#) #119 in [Books > Engineering & Transportation > Engineering > Mechanical > Drafting & Mechanical Drawing](#) #85589 in [Books > Textbooks](#)

## Customer Reviews

I have been teaching mechanical engineering design subjects at Universities for almost 16 years now (as a lecturer / professor). Overall assessment: Very dry, dull, boring and long-winded (too wordy, too verbose). The book does not even emphasize the importance of understanding components and how they can be connected together into systems or circuits or schematic diagrams! Reading this book will either (A) Put you to sleep very quickly; (B) Kill all your initial enthusiasm for wanting to be an engineer, let alone a designer - because it presents design as being like a rigid procedure of completing certain steps; (C) Teach you very little about what real design engineers do; or (D) show you how to waste huge amounts of valuable time before actually starting any serious design work. Check out the [uspto.gov](http://uspto.gov) "US Patents and Trademarks" database website (today), search for any inventions or patented products created by the lead author, Clive L. Dym, and I am sure you will find none listed (from 1976 until now). This textbook was used by

students at my University for over 4 years. Most have not even bothered to read it, and many have complained about how boring and dull it is to read. I have read the entire book myself, and I totally agree. It really is hard to keep your eyes open and stay motivated, while reading this book, because it is written in a very lifeless and uninspiring style - not much more interesting than reading a phone book or an encyclopaedia describing hundreds of pages of tax laws and policies. It does cover some basic definitions to help designers gather some important information before starting a design project (like identifying the main problems and defining objectives, functions, constraints, requirements, etc.

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

A Comprehensive Guide to Project Management Schedule and Cost Control: Methods and Models for Managing the Project Lifecycle (FT Press Project Management) Engineering Design: A Project Based Introduction The Wiley Project Engineer's Desk Reference: Project Engineering, Operations, and Management Bundle: New Perspectives on Microsoft Project 2010: Introductory + Microsoft Project 2010 60 Day Trial CD-ROM for Shelly/Rosenblatt's Systems Analysis and Design Revised An Introduction to Project Management, Fourth Edition : With Brief Guides to Microsoft Project 2013 and AtTask Earthquake Engineering: From Engineering Seismology to Performance-Based Engineering The Graphic Designer's Digital Toolkit: A Project-Based Introduction to Adobe Photoshop Creative Cloud, Illustrator Creative Cloud & InDesign Creative Cloud (Stay Current with Adobe Creative Cloud) The Graphic Designer's Digital Toolkit: A Project-Based Introduction to Adobe Photoshop CS5, Illustrator CS5 & InDesign CS5 (Adobe Creative Suite) Home Based Business Escape Plan: How To Make \$10,000 Per Month With Your Own Part-Time, Online Lifestyle Business: Home Based Business Ideas (Home Based Business Opportunities) Python: Learn Python in One Day and Learn It Well. Python for Beginners with Hands-on Project. (Learn Coding Fast with Hands-On Project Book 1) CSS (with HTML5): Learn CSS in One Day and Learn It Well. CSS for Beginners with Hands-on Project. Includes HTML5. (Learn Coding Fast with Hands-On Project Book 2) C#: Learn C# in One Day and Learn It Well. C# for Beginners with Hands-on Project. (Learn Coding Fast with Hands-On Project Book 3) Successful Project Management (with Microsoft Project CD-ROM) Project Management for Mining: Handbook for Delivering Project Success Trivia: The Rosie Project: A Novel By Graeme Simsion (Trivia-On-Books) (The Rosie Project & The Rosie Effect Bundle Book 1) The Laramie Project and The Laramie Project: Ten Years Later Project: Killer (Project Series Book 1) G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) VLSI Chip Design with the Hardware Description Language VERILOG: An Introduction Based on a Large

RISC Processor Design Emergency Relief System Design Using DIERS Technology: The Design  
Institute for Emergency Relief Systems (DIERS) Project Manual

[Dmca](#)