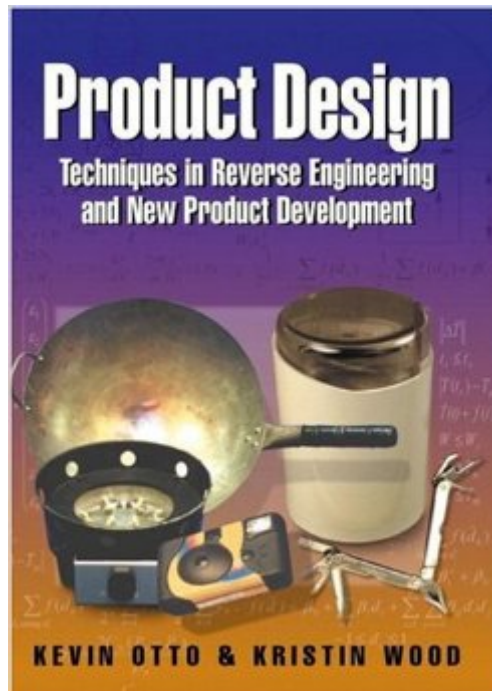


The book was found

# Product Design: Techniques In Reverse Engineering And New Product Development



## Synopsis

Product Design presents an in-depth study of structured designed processes and methods. Fundamental approach is that reverse engineering and teardowns offer a new better paradigm for design instruction, permitting a modern learning cycle of experience, hypothesis, understanding, and then execution. For practicing engineers interested in learning about mechanical design.

## Book Information

Paperback: 1104 pages

Publisher: Pearson; 1 edition (December 8, 2000)

Language: English

ISBN-10: 0130212717

ISBN-13: 978-0130212719

Product Dimensions: 7 x 2 x 8.9 inches

Shipping Weight: 3.6 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars [See all reviews](#) (10 customer reviews)

Best Sellers Rank: #644,409 in Books (See Top 100 in Books) #72 in [Books > Engineering & Transportation > Engineering > Design](#) #124 in [Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design > Products](#) #943 in [Books > Textbooks > Engineering > Mechanical Engineering](#)

## Customer Reviews

Typically a graduate coming from a university is expected to work on product development. However, engineering institutions typically do not teach full product design cycle and associated concepts which can prepare these engineers for developing a product using some proven techniques. Even knowing the options in various tools and technique is lacking sometimes. This book is a master piece and answer to those questions. At first it looks like a reverse engineering book but it contains range of novel treatments from NPD perspective. The book is organized in 19 chapters of high value concepts in regard to contemporary product design processes and tools. Not in congruence with its title, book covers a great deal of team formation aspect in detail and also provides insight on various personality types which composes the teams. Chapter 4 covers use of various tools like affinity diagram to prioritize customer needs. The book goes onto establish the knowledge base on how to convert customer needs into product function using techniques of activity diagram and function structures. Great deal is covered on process of benchmarking usually not available in other books to precise details. Use of house of quality is highlight of this treatment in

context of product design. The chapters on developing product architectures, generating concepts and selecting best concepts has been explained with some of the superb examples. Engineering professionals will find real good value out of DFX chapters which pertains to design for manufacturing, design for assembly, and design for environment and design for robustness / reliability. The most valuable understanding which I got from this book is - looking at solution from analytical and numerical modeling perspective.

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

Product Design: Techniques in Reverse Engineering and New Product Development Engineering  
Methods for Robust Product Design: Using Taguchi Methods in Technology and Product  
Development Algorithms: C++: Data Structures, Automation & Problem Solving, w/ Programming &  
Design (app design, app development, web development, web design, jquery, ... software  
engineering, r programming) eBay Selling Mastery 2016: Turn Your eBay Hobby To A Six Figure  
Business (Product Sourcing, Product Research, Retail Arbitrage, Wholesale, Liquidation, eBay  
Secrets, ebay listings) How Reliable Is Your Product? (Second Edition): 50 Ways to Improve  
Product Reliability Star Wars Miniatures Ultimate Missions: Clone Strike: A Star Wars Miniatures  
Game Product (Star Wars Miniatures Product) Product Design and Development, 5th Edition  
Diabetes: Reverse Diabetes: How to reverse diabetes and manage type 2 diabetes, type 1 diabetes  
and gestational diabetes (Diabetes, Type 2 diabetes, Type ... sugar, diabetic recipes, what is  
diabetes) Diabetes: Step by Step Diabetes Diet to Reverse Diabetes, Lower Your Blood Sugar and  
Live Well (Diabetes, Diabetes Diet, Diabetic Cookbook, Reverse Diabetes) Anti-Cancer Diet: An  
Ultimate Guide to Reverse and Prevent Cancer Naturally! (anti-cancer diet, anti-cancer cookbook,  
anti-cancer diet recipes, reverse cancer, prevent cancer) The Type 2 Diabetes Cure - How to  
Reverse Diabetes Naturally and Enjoy Healthy Living for Life (Reverse Diabetes, Diabetes, Type 2  
Diabetes, Diabetes Diet, ... Solution, Type 2 Diabetes Cookbook, Book 1) Diabetes: Reverse Your  
Diabetes NOW! How To Take Control of Your Blood Sugar Easy and Fast!: Reverse Diabetes  
Forever (Type 2 Diabetes Cure Book 1) Diabetes: The Most Effective Diabetic Superfoods To  
Reverse And Prevent Diabetes (Diabetes Diet, Diabetes Cure, Insulin, Type 2 Diabetes, Reverse  
Diabetes) TYPE 2 DIABETES DESTROYER: The Secret to REVERSE Type 2 Diabetes, 3 Proven  
Steps to Reverse Type-2 Diabetes in 11 Days (Diabetes type 2, Diabetes, diabetes ...  
DIABETES,diabetic cookbook,type 2 diabetes) Diabetes: Diabetes Black Book: Reverse Diabetes  
Forever With 25 Superfoods (Reverse Diabetes, Diabetes Diet, Diabetes Cure, Insulin, Diabetes  
recipes) Product Design for Manufacture and Assembly, Third Edition (Manufacturing Engineering  
and Materials Processing) Making It: Manufacturing Techniques for Product Design Design for

Hackers: Reverse Engineering Beauty G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) SWIFT: PROGRAMMING ESSENTIALS (Bonus Content Included): Learn iOS development! Code and design apps with Apple's New programming language TODAY (iOS development, swift programming)

[Dmca](#)