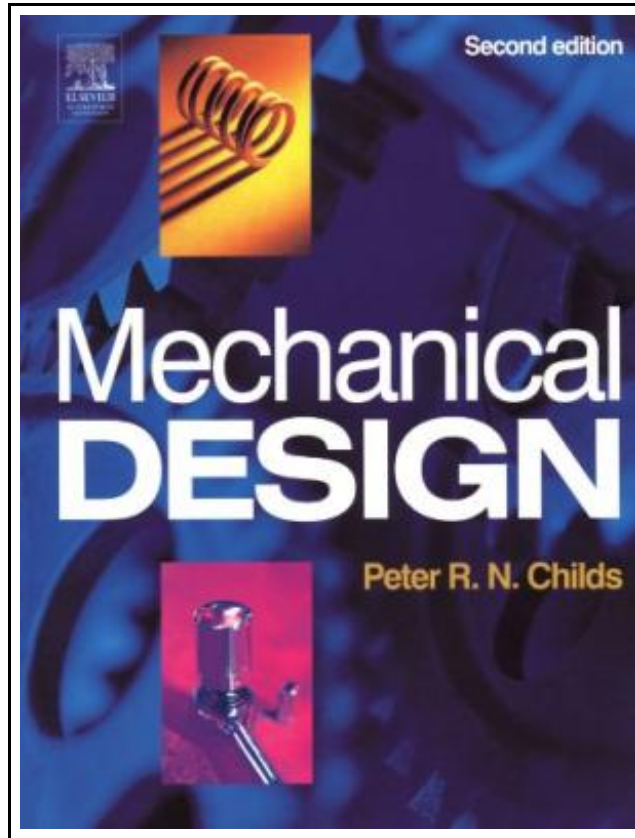


Mechanical Design (Paperback)



Filesize: 1.46 MB

Reviews

Good e-book and useful one. It typically does not expense an excessive amount of. I am just delighted to tell you that this is basically the finest book we have read during my very own existence and could be he best ebook for actually.

(Audra Hodkiewicz)

MECHANICAL DESIGN (PAPERBACK)



ELSEVIER SCIENCE TECHNOLOGY, United Kingdom, 2004. Paperback. Book Condition: New. 2nd Revised edition. 244 x 190 mm. Language: English . Brand New Book. This book introduces the subject of total design, and introduces the design and selection of various common mechanical engineering components and machine elements. These provide building blocks , with which the engineer can practice his or her art. The approach adopted for defining design follows that developed by the SEED (Sharing Experience in Engineering Design) programme where design is viewed as the total activity necessary to provide a product or process to meet a market need. Within this framework the book concentrates on developing detailed mechanical design skills in the areas of bearings, shafts, gears, seals, belt and chain drives, clutches and brakes, springs and fasteners. Where standard components are available from manufacturers, the steps necessary for their specification and selection are developed. The framework used within the text has been to provide descriptive and illustrative information to introduce principles and individual components and to expose the reader to the detailed methods and calculations necessary to specify and design or select a component. To provide the reader with sufficient information to develop the necessary skills to repeat calculations and selection processes, detailed examples and worked solutions are supplied throughout the text. This book is principally a Year/Level 1 and 2 undergraduate text. Pre-requisite skills include some year one undergraduate mathematics, fluid mechanics and heat transfer, principles of materials, statics and dynamics. However, as the subjects are introduced in a descriptive and illustrative format and as full worked solutions are provided, it is possible for readers without this formal level of education to benefit from this book. The text is specifically aimed at automotive and mechanical engineering degree programmes and would be of value for modules in design,...



[Read Mechanical Design \(Paperback\) Online](#)

[Download PDF Mechanical Design \(Paperback\)](#)

Relevant eBooks



The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English . Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to...

[Read Book »](#)



Who am I in the Lives of Children? An Introduction to Early Childhood Education (Paperback)

Pearson Education (US), United States, 2015. Paperback. Book Condition: New. 10th Revised edition. 254 x 201 mm. Language: English . Brand New Book. Note: This is the bound book only and does not include access...

[Read Book »](#)



Any Child Can Write (Paperback)

Oxford University Press Inc, United States, 2003. Paperback. Book Condition: New. 4th Revised edition. 201 x 135 mm. Language: English . Brand New Book ***** Print on Demand *****.Harvey S. Wiener shows how parents can...

[Read Book »](#)



Design Collection Revealed: Adobe InDesign CS6, Photoshop CS6 Illustrator CS6 (Paperback)

Cengage Learning, Inc, United States, 2012. Paperback. Book Condition: New. 236 x 190 mm. Language: English . Brand New Book. THE DESIGN COLLECTION REVEALED provides comprehensive step-by-step instruction and in-depth explanation for three of today...

[Read Book »](#)



History of the Town of Sutton Massachusetts from 1704 to 1876 (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.This version of the History of the Town of Sutton Massachusetts...

[Read Book »](#)