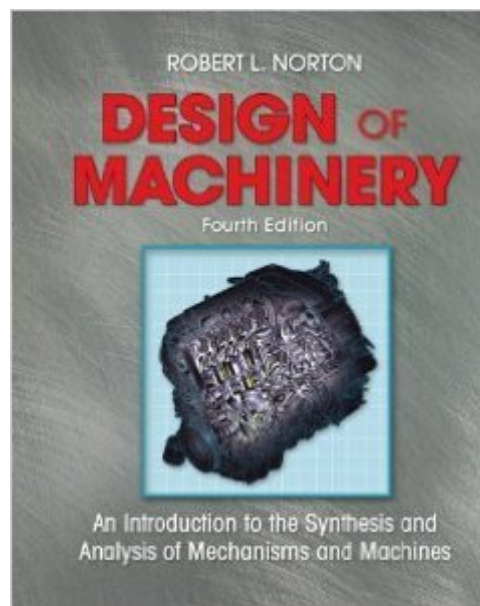# Design Of Machinery: An Introduction To The Synthesis And Analysis Of Mechanisms And Machines

Synopsis

Robert L. Norton's DESIGN OF MACHINERY, fourth edition, continues the tradition of this best-selling book through its balanced coverage of analysis and design and outstanding use of realistic engineering examples. Through its reader-friendly style of writing, clear exposition of complex topics, and emphasis on synthesis and design, the text succeeds in conveying the art of design as well as the use of modern tools needed for analysis of the kinematics and dynamics of machinery. Numerous two-color illustrations are used throughout to provide a visual approach to understanding mechanisms and machines. Analytical synthesis of linkages is covered, and cam design is given a more thorough, practical treatment than found in other texts. The fourth edition comes with a bound-in Student Resources DVD, with Norton's own student-version programs, a customized version of Working Model software and accompanying simulations and movie clips (by Sid Wang, North Carolina A&T University), and numerous instructional and industry-related videos. A website with additional instructor and student resources is available as well.

Book Information

Hardcover: 825 pages

Publisher: McGraw-Hill Higher Education; 4th edition (January 31, 2008)

Language: English

ISBN-10: 0073121584

ISBN-13: 978-0073121581

Product Dimensions: 9 x 7.6 x 1.5 inches

Shipping Weight: 3.4 pounds

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #881,257 in Books (See Top 100 in Books)   #388 inÂ Books > Engineering & Transportation > Engineering > Mechanical > Machinery   #174319 inÂ Books > Textbooks

Customer Reviews

Perfect

Download to continue reading...

Design of Machinery: An Introduction to the Synthesis and Analysis of Mechanisms and Machines IEC 60204-1 Ed. 5.0 b:2005, Safety of machinery - Electrical equipment of machines - Part 1: General requirements Mechanisms and Dynamics of Machinery Advanced Digital Logic Design Using VHDL, State Machines, and Synthesis for FPGA's Vintage Coca-cola Machines a Price and

Identification Guide to Collectible Coolers and Machines Slot Machines and Coin-Op Games: A Collector's Guide to One-Armed Bandits and Amusement Machines Advanced Organic Chemistry: Part A: Structure and Mechanisms: Structure and Mechanisms Pt. A Percutaneous Absorption: Drugs--Cosmetics--Mechanisms--Methodology: Drugs--Cosmetics--Mechanisms--Methodology, Third Edition, (Drugs and the Pharmaceutical Sciences) Schaechter's Mechanisms of Microbial Disease (Mechanisms of Microbial Disease (Schaechter)) Practical Plant Failure Analysis: A Guide to Understanding Machinery Deterioration and Improving Equipment Reliability (Mechanical Engineering) Flow-Induced Pulsation and Vibration in Hydroelectric Machinery: Engineer's Guidebook for Planning, Design and Troubleshooting Design of Machinery with Student Resource DVD (McGraw-Hill Series in Mechanical Engineering) Design of Machinery with Student Resource DVD ISO 13849-1:2006, Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design The Organic Chemistry of Drug Synthesis, Volume 3 (Organic Chemistry Series of Drug Synthesis) Analysis, Synthesis and Design of Chemical Processes (4th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) 4th (fourth) Edition by Turton, Richard, Bailie, Richard, Whiting, Wallace B., Shaei [2012] Constraining Designs for Synthesis and Timing Analysis: A Practical Guide to Synopsys Design Constraints (SDC) Mechanism Design: Analysis and Synthesis (4th Edition) Analysis, Synthesis and Design of Chemical Processes (3rd Edition) Analysis, Synthesis and Design of Chemical Processes (3rd Edition) 3rd (third) Edition by Turton, Richard, Bailie, Richard C., Whiting, Wallace B., Sh [2009]