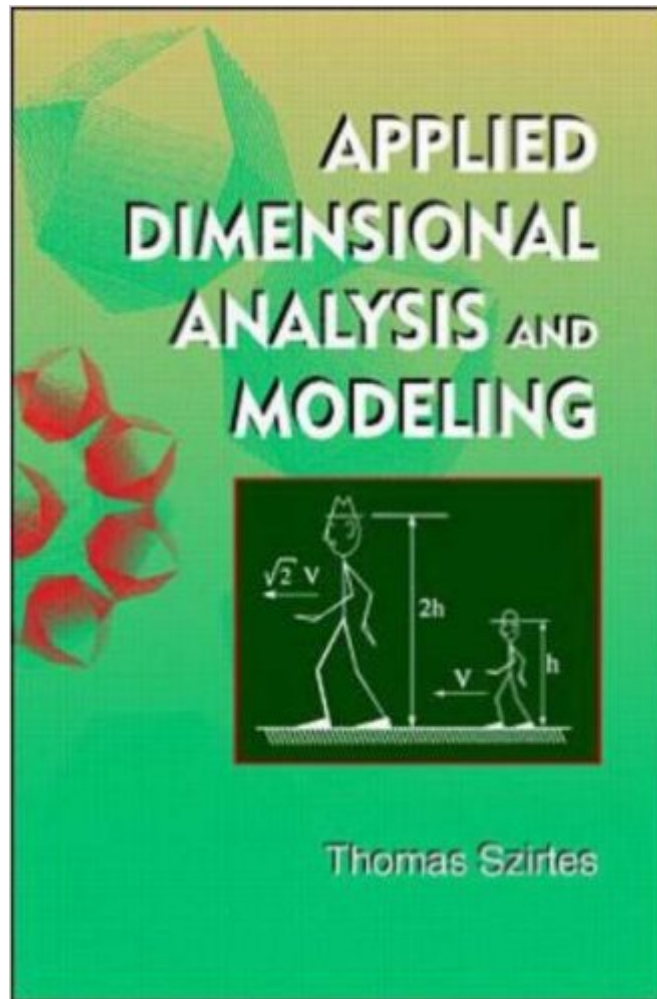


The book was found

Applied Dimensional Analysis And Modeling



Synopsis

Learn to apply the "dimensional method" to facilitate the design and testing of engineering and physical systems—and greatly accelerate the development of products. This is the first book to offer a practical approach to modeling and dimensional analysis, emphasizing the interests and problems of the engineer and applied scientist. Packed with illustrations, graphs, numeric tables, and concrete case studies, this in-depth reference work explains both dimensional analysis and scale modeling...concisely describes constructions of dimensional systems, including SI (metric) and Imperial (U.S.)...and provides over 250 worked-out examples drawn from engineering, applied physics, biomechanics, astronomy, geometry, and economics .

Book Information

Hardcover: 790 pages

Publisher: McGraw-Hill Professional; 1 edition (November 1, 1997)

Language: English

ISBN-10: 0070628114

ISBN-13: 978-0070628113

Product Dimensions: 6.2 x 1.7 x 9.1 inches

Shipping Weight: 2.4 pounds

Average Customer Review: 4.0 out of 5 stars See all reviews (1 customer review)

Best Sellers Rank: #1,122,803 in Books (See Top 100 in Books) #152 in Books > Engineering & Transportation > Engineering > Reference > Measurements #1819 in Books > Science & Math > Experiments, Instruments & Measurement #2637 in Books > Textbooks > Science & Mathematics > Earth Sciences

Customer Reviews

An incredibly easy book to read. I found I could go from section to section and extract the knowledge that needed at that time. Sometimes I just pick it up and open it at random and I often get something new out of it. After being exposed to this book you can see how dimensional analysis is something that most of us should be capable of applying to those problems that lend themselves to no other approach. The only reason I gave it 4 and not 5 was because I would have liked to see more financial examples and I don't think amperes should be considered a fundamental unit. One of the best technical books I have bought.

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

Applied Dimensional Analysis and Modeling Applied Management Science: Modeling, Spreadsheet Analysis, and Communication for Decision Making, 2nd Edition Applied Microsoft SQL Server 2012 Analysis Services: Tabular Modeling Clinical Calculations Made Easy: Solving Problems Using Dimensional Analysis The Nurse, The Math, The Meds: Drug Calculations Using Dimensional Analysis, 2e Calculating Dosages Safely: A Dimensional Analysis Approach (DavisPlus) The Nurse, The Math, The Meds: Drug Calculations Using Dimensional Analysis, 3e Atmospheric and Space Flight Dynamics: Modeling and Simulation with MATLAB® and Simulink® (Modeling and Simulation in Science, Engineering and Technology) Numerical Modeling in Applied Physics and Astrophysics Chocolate Modeling Cake Toppers: 101 Tasty Ideas for Candy Clay, Modeling Chocolate, and Other Fondant Alternatives Modeling Agency Tips: Get Listed with Fashion Modeling Agencies and Find Your Dream Job Modeling the Supply Chain (Duxbury Applied) The Model's Bible & Global Modeling Agency Contact List - An Insider's Guide on How to Break into the Fashion Modeling Industry Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Grid Systems in Graphic Design: A Visual Communication Manual for Graphic Designers, Typographers and Three Dimensional Designers (German and English Edition) System Analysis and Modeling: Models and Reusability: 8th International Conference, SAM 2014, Valencia, Spain, September 29-30, 2014. Proceedings (Lecture Notes in Computer Science) Object-Oriented Analysis and Design for Information Systems: Modeling with UML, OCL, and IFML Spreadsheet Modeling and Decision Analysis (with CD-ROM and Microsoft Project 2003 120 day version) EXCEL: From Beginner to Expert - 2 Manuscripts + 2 BONUS BOOKS - Excel for Everyone, Data Analysis and Business Modeling (Functions and Formulas, Macros, MS Excel 2016, Shortcuts, Microsoft Office) Applied Software Measurement: Global Analysis of Productivity and Quality

[Dmca](#)