



Dimensional Analysis: Modern Perspectives

By Debnarayan Jana

LAP Lambert Acad. Publ. Okt 2011, 2011. Taschenbuch. Book Condition: Neu. 221x149x17 mm. This item is printed on demand - Print on Demand Neuware - Dimensional analysis is a simple and intuitive method for determining the functional dependence of physical quantities relevant to a certain process. In other words, it is one of the powerful, widely applicable theoretical tools to reduce a complex physical system to a simpler form before their quantitative analysis or experimental investigations. This book (containing 10 chapters) attempts to provide a basic understanding of various problems in science through dimensional analysis (DA). There are some uncommon and interesting problems which have been attempted by DA. DA also can be helpful to obtain some scaling relation without solving the differential equation. DA has been applied suitably to discuss some quantum mechanical bound state and astrophysics problems that are not often highlighted in a text book. A chapter has been devoted to discuss the breakdown of this method to classic problems in physics. This book is suitable for Under Graduate Students, Post Graduate Students and Researchers in Natural Sciences. We have included 200 exercises and 200 multiple choice questions (MCQ) for the students to test their understanding and...



READ ONLINE
[6.49 MB]

Reviews

The publication is easy in read through safer to comprehend. It is actually loaded with wisdom and knowledge Its been printed in an extremely simple way and is particularly simply right after i finished reading through this pdf where actually modified me, affect the way i believe.

-- **Ms. Clementina Cole V**

This is the very best publication i have got read until now. It is definitely simplified but shocks within the fifty percent of the pdf. You may like how the article writer create this pdf.

-- **Rosario Durgan**

See Also



Instrumentation and Control Systems

Elsevier Science & Technology. Paperback. Book Condition: new. BRAND NEW PRINT ON DEMAND., Instrumentation and Control Systems, William Bolton, In a clear and readable style, Bill Bolton addresses the basic principles of modern instrumentation and control systems, including examples of the latest...



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



Oxford Bookworms Library: Stage 3: Tooth and Claw: 1000 Headwords

Oxford University Press. Paperback. Book Condition: new. BRAND NEW, Oxford Bookworms Library: Stage 3: Tooth and Claw: 1000 Headwords, Rosemary Border, Conradin is ten years old. He lives alone with his aunt. He has two big secrets. The first is that he...



Mass Media Law: The Printing Press to the Internet (Paperback)

Peter Lang Publishing Inc, United States, 2013. Paperback. Book Condition: New. New.. 251 x 175 mm. Language: English . Brand New Book. Digital media law is now the dynamic legal territory. Mass Media Law: The Printing Press to the Internet is a...



Multiple Streams of Internet Income

Wiley. Hardcover. Book Condition: New. Hardcover. 279 pages. Dimensions: 9.3in. x 6.2in. x 1.2in. Praise for MULTIPLE STREAMS OF INTERNET INCOME If ever the world needed some help to succeed on the Internet, this is the moment. Robert Allens new book is just in...