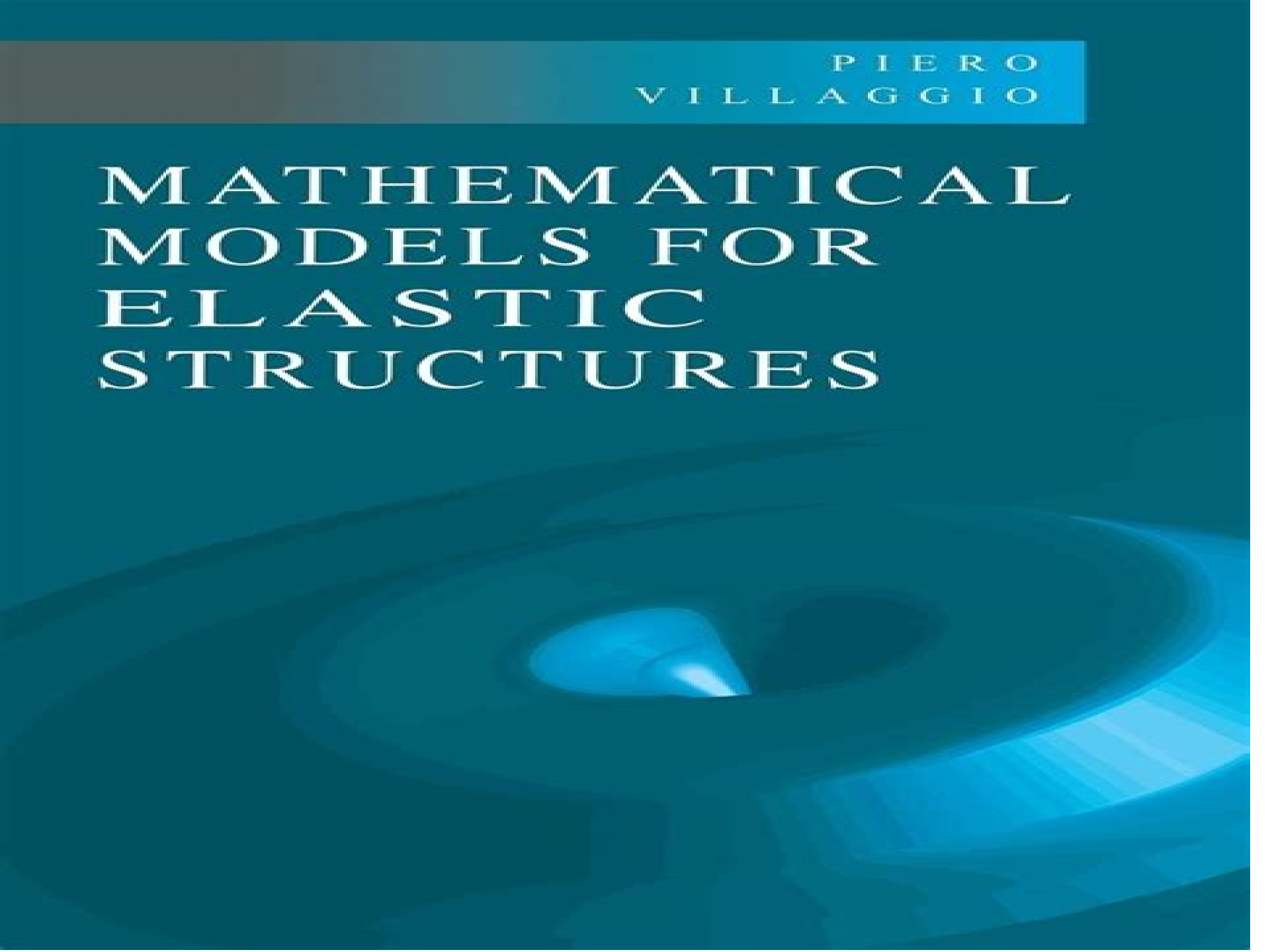
PIERO
VILLAGGIO

MATHEMATICAL MODELS FOR ELASTIC STRUCTURES



Mathematical Models For Elastic Structures

J.E. Lagnese,Günter Leugering,E.J.P.G. Schmidt

Mathematical Models For Elastic Structures:

Mathematical Models for Elastic Structures Piero Villaggio,1997-10-28 Elastic structures conceived as slender bodies able to transmit loads have been studied by scientists and engineers for centuries By the seventeenth century several useful theories of elastic structures had emerged with applications to civil and mechanical engineering problems In recent years improved mathematical tools have extended applications into new areas such as geomechanics and biomechanics This book first published in 1998 offers a critically filtered collection of the most significant theories dealing with elastic slender bodies It includes mathematical models involving elastic structures which are used to solve practical problems with particular emphasis on nonlinear problems This collection of interesting and important problems in elastic structures will appeal to a broad range of scientists engineers and graduate students working in the area of structural mechanics

Mathematical Models for Elastic Structures , *Acoustic Interactions with Submerged Elastic Structures* A. Guran,2001 The interaction of acoustic fields with submerged elastic structures both by propagation and scattering is being investigated at various institutions and laboratories world wide with ever increasing sophistication of experiments and analysis This book offers a collection of contributions from these research centers that represent the present state of the art in the study of acoustic elastic interaction being on the cutting edge of these investigations This includes the description of acoustic scattering from submerged elastic objects and shells by the Resonance Scattering Theory of Flax Dragonette and berall and the interaction of these phenomena in terms of interface waves It also includes the use of this theory for the purpose of inverse scattering i e the determination of the scattered objects properties from the received acoustic backscattered signals The problem of acoustically excited waves in inhomogeneous and anisotropic materials and of inhomogeneous propagating waves is considered Vibrations and resonances of elastic shells including shells with various kinds of internal attachments are analyzed Acoustic scattering experiments are described in the time domain and on the basis of the WignerOCoVille distribution Acoustic propagation in the water column over elastic boundaries is studied experimentally both in laboratory tanks and in the field and is analyzed theoretically Ultrasonic nondestructive testing including such aspects like probe modelling scattering by various types of cracks receiving probes and calibration by a side drilled hole is also studied in details A comprehensive picture of these complex phenomena and other aspects is presented in the book by researchers that are experts in each of these domains giving up to date accounts of the field in all these aspects Contents Discrete Spectral Analysis for Solitary Waves J Engelbrecht et al Propagation and Interaction of Waves in Nonlinear Elastic Solids with Microstructures V I Erofeyev Matched Field Processing A Powerful Tool for the Study of Oceans and Scatterers A Tolstoy Progress in Underwater Acoustic Modeling P C Etter Reflectivity Response of a Submerged Layer with Density Sound Velocity and Absorbtion Gradients R Carb Fit r Mathematical Aspects of Wave Phenomena in a Wave Guide with Elastic Walls and Operator Polynomials B P Belinskiy On Some General Mathematical Properties of the System Elastic

Plate OCo Acoustic Medium B P Belinskiy Acoustic Scattering from Finite Length Cylinders Encapped by Two Hemispheres D Decultot et al Acoustic Scattering from a Circular Cylindrical Shell Immersed in Water Generation and Reradiation of Guided Waves F L r on The Finite Element Boundary Element Approach to the Radiation and Scattering of Submerged Shells Including Internal Structure or Equipment R Miller Resonance Extraction Phase Matching Method and the Surface Paths for Finite Elastic Cylinders X L Bao Nonlinear Waves in Thermoelastic Solids Undergoing Phase Transitions J K Knowles Readership Nonlinear scientists Modeling, Analysis and Control of Dynamic Elastic Multi-Link Structures J.E. Lagnese,Günter Leugering,E.J.P.G. Schmidt,2012-12-06 The purpose of this monograph is threefold First mathematical models of the transient behavior of some or all of the state variables describing the motion of multiple link flexible structures will be developed The structures which we have in mind consist of finitely many interconnected flexible ele ments such as strings beams plates and shells or combinations thereof and are representative of trusses frames robot arms solar panels antennae deformable mirrors etc currently in use For example a typical subsys tem found in almost all aircraft and space vehicles consists of beam plate and or shell elements attached to each other in a rigid or flexible manner Due to limitations on their weights the elements themselves must be highly flexible and due to limitations on their initial configuration i e before de ployment those aggregates often have to contain several links so that the substructure may be unfolded or telescoped once it is deployed The point of view we wish to adopt is that in order to understand completely the dynamic response of a complex elastic structure it is not sufficient to con to take into account the sider only its global motion but also necessary flexibility of individual elements and the interaction and transmission of elastic effects such as bending torsion and axial deformations at junctions where members are connected to each other The second object of this book is to provide rigorous mathematical analyses of the resulting models *Mathematical Elasticity* Philippe G. Ciarlet,2022-01-22 In this second book of a three volume set asymptotic methods provide a rigorous mathematical justification of the classical two dimensional linear plate and shallow shell theories Theory of Plates also illustrates how asymptotic methods allow for justification of the Kirchhoff Love theory of nonlinear elastic plates and presents a detailed mathematical analysis of the von K rm n equations An extended preface and extensive bibliography have been added to highlight the progress that has been made since the volume s original publication While each one of the three volumes is self contained together the Mathematical Elasticity set provides the only modern treatise on elasticity introduces contemporary research on three dimensional elasticity the theory of plates and the theory of shells and contains proofs detailed surveys of all mathematical prerequisites and many problems for teaching and self study These classic textbooks are for advanced undergraduates first year graduate students and researchers in pure or applied mathematics or continuum mechanics They are appropriate for courses in mathematical elasticity theory of plates and shells continuum mechanics computational mechanics and applied mathematics in general **Multi-scale Modelling for Structures and Composites** G. Panasenko,2005-06-15 Numerous applications of

rod structures in civil engineering aircraft and spacecraft confirm the importance of the topic On the other hand the majority of books on structural mechanics use some simplifying hypotheses these hypotheses do not allow to consider some important effects for instance the boundary layer effects near the points of junction of rods So the question concerning the limits of applicability of structural mechanics hypotheses and the possibilities of their refinement arise In this connection the asymptotic analysis of equations of mathematical physics the equations of elasticity in rod structures without these hypotheses and simplifying assumptions being imposed is undertaken in the present book Moreover a lot of modern structures are made of composite materials and therefore the material of the rods is not homogeneous This inhomogeneity of the material can generate some unexpected effects These effects are analysed in this book The methods of multi scale modelling are presented by the homogenization multi level asymptotic analysis and the domain decomposition These methods give an access to a new class of hybrid models combining macroscopic description with microscopic zooms

Phenomenological and Mathematical Modelling of Structural Instabilities Marcello Pignataro,Victor Gioncu,2007-07-15 The study of structural instability plays a role of primary importance in the field of applied mechanics Despite the remarkable progresses made in the recent past years the structural instability remains one of the most challenging topics in applied chanics Many problems have bee solved in the last decades but still many others remain to be solved satisfactorily The increasing number of papers published in jo nals and conferences organized by ECCS SSRC IUTAM and EUROMECH strongly indicates the interest of scientists and engineers in the subject A careful examination of these publications shows that they tend to fall into one of the two categories The first is that of practical design direction in which methods for analyzing specific stability problems related to some specific structural typologies are developed The research works are restricted to determining the critical load considering that it is sufficient to know the limits of stability range These studies are invaluable since their aim is to provide solutions to practical problems to supply the designer with data useful for design and prepare norms specifications and codes The second direction is that of theoretical studies aiming at a mathematical modeling of the instability problems for a better understanding of the phenomena In these studies special emphasis is placed on the behavior of structures after the loss of stability in the post critical range This approach is less familiar to designers as its results have not yet become part of current structural design practice **Mechanics and Thermomechanics of Rubberlike Solids** Guiseppe Saccomandi,Raymond W. Ogden,2014-05-04 This work gives for the first time an interdisciplinary and deep approach to the mathematical modelling of rubber like materials considering both the molecular and phenomenological point of views It contains an introduction to the suitable numerical techniques and an overview of experimental techniques and data with a short survey on some industrial applications Elastic and inelastic effects are discussed in details The book is suitable for applied mathematicians mechanical engineers civil engineers material scientists and polymer scientists Modeling and Control of Complex Physical Systems Vincent Duindam,Alessandro

Macchelli,Stefano Stramigioli,Herman Bruyninckx,2009-10-15 Energy exchange is a major foundation of the dynamics of physical systems and hence in the study of complex multi domain systems methodologies that explicitly describe the topology of energy exchanges are instrumental in structuring the modeling and the computation of the system s dynamics and its control This book is the outcome of the European Project Geoplex FP5 IST 2001 34166 that studied and extended such system modeling and control methodologies This unique book starts from the basic concept of port based modeling and extends it to port Hamiltonian systems This generic paradigm is applied to various physical domains showing its power and unifying flexibility for real multi domain systems **Partial Differential Equations On Multistructures** Felix Mehmeti,Joachim Von Below,Serge Nicaise,2001-04-10 This text is based on lectures presented at the International Conference on Partial Differential Equations PDEs on Multistructures held in Luminy France It contains advances in the field compiling research on the analyses and applications of multistructures including treatments of classical theories specific characterizations and modellings of multistructures and discussions on uses in physics electronics and biology **The Shock and Vibration Bulletin** ,1967 Scientific and Technical Aerospace Reports ,1990 **Scientific Computation - Proceedings Of International Conference** Tony F Chan,Zhong-ci Shi,1992-07-17 The proceedings in this volume provide reviews and discussions on the current and future developments in scientific computation including numerical solutions of differential equations numerical linear algebra parallel computation and engineering applications It contains papers by leading scientists in computational mathematics from US Israel Italy China and Hong Kong **Optimal Design through the Sub-Relaxation Method** Pablo Pedregal,2016-09-01 This book provides a comprehensive guide to analyzing and solving optimal design problems in continuous media by means of the so called sub relaxation method Though the underlying ideas are borrowed from other more classical approaches here they are used and organized in a novel way yielding a distinct perspective on how to approach this kind of optimization problems Starting with a discussion of the background motivation the book broadly explains the sub relaxation method in general terms helping readers to grasp from the very beginning the driving idea and where the text is heading In addition to the analytical content of the method it examines practical issues like optimality and numerical approximation Though the primary focus is on the development of the method for the conductivity context the book s final two chapters explore several extensions of the method to other problems as well as formal proofs The text can be used for a graduate course in optimal design even if the method would require some familiarity with the main analytical issues associated with this type of problems This can be addressed with the help of the provided bibliography

Computational Science and High Performance Computing III Egon Krause,Yurii I. Shokin,Nina Shokina,2008-10-12 This volume contains 18 contributions to the Third Russian German Advanced Research Workshop on Computational Science and High Performance Computing presented in July 2007 at Novosibirsk Russia The workshop was organized jointly by the High Performance Computing Center Stuttgart HLRS and the Institute of Computational Technologies of the Siberian Branch of

the Russian Academy of Sciences ICT SB RAS The contributions range from computer science mathematics and high performance computing to applications in mechanical and aerospace engineering They show a wealth of theoretical work and simulation experience with a potential of bringing together theoretical mathematical modelling and usage of high performance computing systems presenting the state of the art of computational technologies **Fluid-Structure Interactions in Acoustics** Dominique Habault,2014-05-04 The subject of the book is directly related to environmental noise and vibration phenomena sound emission by vibrating structures prediction and reduction Transportation noise is one of the main applications The book presents an overview of the most recent knowledge on interaction phenomena between a structure and a fluid including nonlinear aspects It covers all aspects of the phenomena from the mathematical modeling up to the applications to automotive industrial problems The aim is to provide readers with a good understanding of the physical phenomena as well as the most recent knowledge of predictive methods NASA Technical Note ,1974 **Multifield Problems in Solid and Fluid Mechanics** Rainer Helmig,Alexander Mielke,Barbara I. Wohlmuth,2006-11-28 Understanding the interaction between various processes is a pre requisite for solving problems in natural and engineering sciences Many phenomena can not be described by concentrating on them in isolation therefore multifield models and concepts that include various kinds of field problems and processes are needed This book summarizes the main scientific results of the Collaborative Research Center on Multifield Problems in Continuum Mechanics Sonderforschungsbereich Mehrfeldprobleme in der Kontinuumsmechanik SFB 404 funded by the German Research Foundation DFG from 1995 2006 The book is divided into three main sections A Volume Coupled Problems devoted to fields which are coupled inside the processing domain or volume B Boundary Coupled Problems here physical fields and processes are coupled via domain boundaries C Fundamental Methods search into the mathematical concepts and backgrounds of multifield and multiscale modeling **Control and Estimation in Distributed Parameter Systems** H. T. Banks,1992-01-01 Research in control and estimation of distributed parameter systems encompasses a wide range of applications including both fundamental science and emerging technologies The latter include smart materials piezoceramics shape memory alloys magnetostrictives electrorheological fluids fabrication and testing design of high pressure chemical vapor deposition CVD reactors for production of microelectronic surfaces e g semiconductors while the former include groundwater contamination cleanup and other environmental modeling questions climatology flow control and fluid structure interactions as well as more traditional topics in biology mechanics and acoustics These expository papers provide substantial stimulus to both young researchers and experienced investigators in control theory Includes a comprehensive and lucid presentation that relates frequency domain techniques to state space or time domain approaches for infinite dimensional systems including design of robust stabilizing and finite dimensional controllers for infinite dimensional systems It focuses on these two approaches to control design in an integrated system theoretic framework This is excellent reading for researchers in both the frequency domain and time domain control communities In

other articles topics considered include pointwise control of distributed parameter systems bounded and unbounded sensors and actuators stabilization issues for large flexible structures and an overview discussion of damping models for flexible structures **AFOSR.** United States. Air Force. Office of Scientific Research,1968

Embark on a breathtaking journey through nature and adventure with is mesmerizing ebook, Natureis Adventure: **Mathematical Models For Elastic Structures** . This immersive experience, available for download in a PDF format (*), transports you to the heart of natural marvels and thrilling escapades. Download now and let the adventure begin!

https://pinsupreme.com/results/book-search/fetch.php/Simulation%20Of%20Computer%20Communication%20Systems.pdf

Table of Contents Mathematical Models For Elastic Structures

Mathematical Models For Elastic Structures Introduction

Mathematical Models For Elastic Structures Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Mathematical Models For Elastic Structures Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Mathematical Models For Elastic Structures : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Mathematical Models For Elastic Structures : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Mathematical Models For Elastic Structures Offers a diverse range of free eBooks across various genres. Mathematical Models For Elastic Structures Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Mathematical Models For Elastic Structures Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Mathematical Models For Elastic Structures, especially related to Mathematical Models For Elastic Structures, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Mathematical Models For Elastic Structures, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Mathematical Models For Elastic Structures books or magazines might include. Look for these in online stores or libraries. Remember that while Mathematical Models For Elastic Structures, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Mathematical Models For Elastic Structures eBooks for free, including popular titles.Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books.Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Mathematical Models For Elastic Structures full book , it can give you a taste of the authors writing style.Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Mathematical Models For Elastic Structures eBooks, including some popular titles.

FAQs About Mathematical Models For Elastic Structures Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading

preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer webbased readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Mathematical Models For Elastic Structures is one of the best book in our library for free trial. We provide copy of Mathematical Models For Elastic Structures in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Mathematical Models For Elastic Structures. Where to download Mathematical Models For Elastic Structures online for free? Are you looking for Mathematical Models For Elastic Structures PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Mathematical Models For Elastic Structures. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Mathematical Models For Elastic Structures are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Mathematical Models For Elastic Structures. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Mathematical Models For Elastic Structures To get started finding Mathematical Models For Elastic Structures, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Mathematical Models For Elastic Structures So depending on what exactly you are searching, you will be able tochoose ebook to suit your own need. Thank you for reading Mathematical

Models For Elastic Structures. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Mathematical Models For Elastic Structures, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Mathematical Models For Elastic Structures is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Mathematical Models For Elastic Structures is universally compatible with any devices to read.

Find Mathematical Models For Elastic Structures :

simulation of computer communication systems
singing teacher signed
single crystal films proc of an internat
sing japanese the fun approach to studying japanese
~~simply irresistible thorndike large print harlequin romance~~
~~sims makin magic primas official strategy guide~~
singles guide to internet dating
sing play create hands-on learning for 3-to 7-year-olds
simply super bulletin boards
simple duty
since 1845 a history of the mutual benef
sin contemplaciones
simpsons guide to springfield
sinbad of the seven seas
simplified design of building lighting

Mathematical Models For Elastic Structures :

Windows jeannie baker ... Window Jeannie Baker - Complete English Unit ... You can find more geography lesson plans, worksheets, activities and other teaching resources ... Window by Jeannie Baker Lesson Plan Have you ever read a book with no words? In this lesson, we will look at the book, 'Window,' by Jeannie Baker. The book has no words which gives... 35 Top

"Window Jeannie Baker" Teaching Resources ... - Twinkl 35 Top "Window Jeannie Baker" Teaching Resources curated for you. ; Landscape Changes Read and Draw Worksheet · (10 reviews) ; Window Frame Drawing Sheet · (4 ... The iconic wordless picture book, Window by Jeannie ... The iconic wordless picture book, Window by Jeannie Baker, is perfect for use in KS1 or KS2 to inspire discussion and descriptive writing. TEACHER NOTES Jeannie Baker's artwork presents a very hopeful view of the future. Create ... Get students to look out of a window in their home, and write down and. Jeannie Baker - Visual Literacy through Picture Books May 4, 2020 — Teaching Resources · Picture reveal activity from TES Connect · Activities written by Joanne Coghlan · xploring and responding · Art Practice. EXPLORING AND RESPONDING - Jeannie Baker The required resources are: Window by Jeannie Baker, 'The Artistic Work of Jeannie Baker' worksheet, pencils; grey lead and coloured, crayons, textas, etc. Window Jeannie Baker - Complete English Unit Stage 2 - ... Jul 16, 2023 — This is a HUGE 77-page complete English unit based on the amazing book “Window” by Jeannie Baker. This is a unit of work I created to ... Window by Jeannie Baker | Teaching Resources Sep 23, 2017 — The objective of the lesson is to create a scene outside the window. Suggestions include drawing a scene of your own choice or drawing a scene ... Digital Cinematography: Fundamentals,... by Stump ASC, ... David Stump's Digital Cinematography focuses on the tools and technology of the trade, looking at how digital cameras work, the ramifications of choosing one ... Digital Cinematography: Fundamentals, Tools, Techniques ... This book empowers the reader to correctly choose the appropriate camera and workflow for their project from today's incredibly varied options, as well as ... Digital Cinematography: Fundamentals, Tools, Techniques ... David Stump's Digital Cinematography focusses primarily on the tools and technology of the trade, looking at how digital cameras work, the ramifications of ... Digital Cinematography: Fundamentals, Tools, Techniques ... This book empowers the reader to correctly choose the appropriate camera and workflow for their project from today's incredibly varied options, as well as ... Digital Cinematography: Fundamentals, Tools, Techniques ... First published in 2014. With the shift from film to digital, a new view of the future of cinematography has emerged. Today's successful cinematographer ... Digital Cinematography: Fundamentals, Tools, Techniques ... Digital Cinematography: Fundamentals, Tools, Techniques, and Workflows by Stump, David - ISBN 10: 0240817915 - ISBN 13: 9780240817910 - Routledge - 2014 ... [PDF] Digital Cinematography by David Stump eBook Fundamentals, Tools, Techniques, and Workflows. David Stump. Read this book ... David Stump's Digital Cinematography focusses primarily on the tools and ... Digital cinematography : fundamentals, tools, techniques ... Digital cinematography : fundamentals, tools, techniques, and workflows ; Author: David Stump ; Edition: Second edition View all formats and editions ; Publisher: ... Digital Cinematography: Fundamentals, Tools, Techniques ... Digital Cinematography: Fundamentals, Tools, Techniques, and Workflows David Stump, ASC 9781138603851 ... Digital Compositing for Film and Video: Production ... Cinematography: A Technical Guide for Filmmakers ... Digital Cinematography, fundamentals, tools, techniques, and workflows" as a good reference guide. Harry Mathias, "The Death & Rebirth of Cinema ... Idylis 70-Pint 3-

Speed Dehumidifier with Built-In Pump ... Idylis 70-Pint 3-Speed Dehumidifier with Built-In Pump (For Rooms 1501- 3000 sq ft). Item #526051 |. Model #WDH-1670EAP-1. Idylis WDH-1670EAP-1 Dehumidifier for sale online Idylis 70-Pint 3-Speed Dehumidifier with Built-In Pump ENERGY STAR. The pump ...feature is what sold me. There is no need to empty a tank. So far it has worked ... Idylis D RECALL DRP IDYLIS 70-PT W DEHUM - Lowe's I bought this dehumidifier for use in my finished basement. The unit was very easy to set up. The styling is good and the built in wheels make it easy to move ... IDYLIS 70-PINT 3-SPEED Dehumidifier with Built-in Pump ... Idylis 70-Pint 3-Speed Dehumidifier with Built-in Pump Model # WDH-1670EAP-1. Sold $57.00 3 Bids, 14-Day Returns, eBay Money Back Guarantee. I have a Idylis Dehumidifiers Model #: WDH-1670EAP-1 ... I have a Idylis Dehumidifiers Model #: WDH-1670EAP-1 with a broken fan blade. I am trying to find a place to buy a replacement. It was bought from Lowe's but I ... UPC 840206120030 - Idylis 70-Pint 3-Speed Dehumidifier ... Idylis 70-pint 3-speed Dehumidifier With Built-in Pump Wdh-1670eap-1; Idylis 70-Pint 3-Speed Dehumidifier with Built-in Pump ENERGY STAR. More Info. UPC-A: 8 ... Idylis 526011 User Manual View and Download Idylis 526011 user manual online. 526011 dehumidifier pdf manual download. Also for: 526051. Dehumidifier Recall: How to Find Out if it Affects You As a warning to all buyers, be cautious of the Idylis WDH-1670EAP from Lowes. I had this unit and it started a fire in my home, destroying more than half of ... Idylis WDH-1670EA-1 for sale online Find many great new & used options and get the best deals for Idylis WDH-1670EA-1 at the best online prices at eBay! Free shipping for many products!