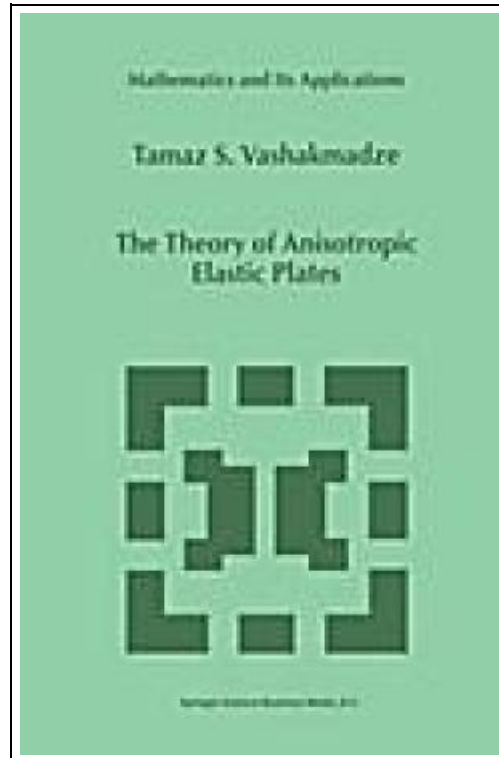


## The Theory of Anisotropic Elastic Plates



Filesize: 9.69 MB

### **Reviews**

*Extremely helpful for all type of folks. It generally is not going to expense a lot of. I found out this book from my dad and i advised this book to find out.*

*(Melany Goyette)*

## THE THEORY OF ANISOTROPIC ELASTIC PLATES



To save **The Theory of Anisotropic Elastic Plates** PDF, remember to follow the web link listed below and download the ebook or gain access to other information which might be related to THE THEORY OF ANISOTROPIC ELASTIC PLATES book.

Springer Mai 1999, 1999. Buch. Book Condition: Neu. 235x155x20 mm. This item is printed on demand - Print on Demand Titel. Neuware - The principal object of this volume is the creation of a mathematical theory of deformations for elastic anisotropic thermodynamic piezoelectric plates, beams and shells with variable thickness. The book is divided into two parts. The first part deals with problems related to the construction of refined theories (such as those of Richthof-Love, von Karman-A. Fioopl, and Reissner) and their equivalent new models (depending on arbitrary control functions). These are investigated by means of a new variational principle. Methods of reduction, containing regular processes of study of spatial problems, are also studied. Topics treated include problems of solvability, error estimations, convergence of processes in Sobolev spaces and construction of effective schemes of solutions of two-dimensional boundary value problems for systems of partial differential equations. The second part considers stable projective methods, using classical orthogonal polynomials and a new class of spline-functions as coordinate systems, and their numerical realizations for a design of one- and two- dimensional boundary value problems from the first part. These efficient methods increase the possibilities of classical finite-difference, exponential- fitted, variational-discrete and alternating-direction methods. Audience: This book will be of interest to researchers and graduate students whose work involves mechanics, analysis, numerics and computation, mathematical modelling and industrial mathematics, calculus of variations, and design engineering. 264 pp. Englisch.



[Read The Theory of Anisotropic Elastic Plates Online](#)

[Download PDF The Theory of Anisotropic Elastic Plates](#)

## Relevant Books



**[PDF] Magnificat in D Major, Bwv 243 Study Score Latin Edition**

Click the link listed below to read "Magnificat in D Major, Bwv 243 Study Score Latin Edition" document.

[Read PDF](#)

»



**[PDF] The L Digital Library of genuine books(Chinese Edition)**

Click the link listed below to read "The L Digital Library of genuine books(Chinese Edition)" document.

[Read PDF](#)

»



**[PDF] The Mystery of God s Evidence They Don t Want You to Know of**

Click the link listed below to read "The Mystery of God s Evidence They Don t Want You to Know of" document.

[Read PDF](#)

»



**[PDF] US Genuine Specials] touch education(Chinese Edition)**

Click the link listed below to read "US Genuine Specials] touch education(Chinese Edition)" document.

[Read PDF](#)

»



**[PDF] Aeschylus**

Click the link listed below to read "Aeschylus" document.

[Read PDF](#)

»



**[PDF] Mass Media Law: The Printing Press to the Internet**

Click the link listed below to read "Mass Media Law: The Printing Press to the Internet" document.

[Read PDF](#)

»