

The book was found

Fundamentals Of Finite Element Analysis



Synopsis

1st Edition, printed in black and white pages by McGraw Hill India. Content identical to the hardcover version.

Book Information

Paperback

Publisher: Tata McGraw Hill India; 1st edition (2003)

Language: English

ISBN-10: 0070601224

ISBN-13: 978-0070601222

Product Dimensions: 18.5 x 2 x 24 inches

Shipping Weight: 1.4 pounds

Average Customer Review: 4.0 out of 5 stars [See all reviews](#) (4 customer reviews)

Best Sellers Rank: #551,998 in Books (See Top 100 in Books) #72 in [Books > Science & Math > Mathematics > Pure Mathematics > Finite Mathematics](#) #756 in [Books > Science & Math > Astronomy & Space Science > Aeronautics & Astronautics](#)

Customer Reviews

Dr. Hutton was my professor for M.E. 474 [Finite Element Analysis] elective counting towards a Masters in Mechanical Engineering. We worked off his notes in 1992 before he got his work published. Brilliant man and no less quality of technical publication. RIP Dr. Hutton.

I tried several books to start learning FEM but was never satisfied. Some of them were overloaded with theory or essentially no theory and all software application. Finally I come across this one! A very good book to learn FEM subject for the person who already has basic knowledge of mechanics, strength of materials and matrix calculus. It's really clearly written with a very good and detailed explanation of discussed topics. All the chapters are followed by numerous examples to be solved by the reader. I was able to deal with them using the equations and examples given in regular text. The book is "software-independent" - it's not oriented towards any specific FEM package; more stress is put on general FEM theory and exemplary applications. There are several handy appendixes which helps you work through matrix calculus, equations of elasticity & solution techniques for linear algebraic eqs. Highly recommended!

Dozens of texts available for FEA but this book stands apart from its competitors miles ahead.

Highly recommended to all who wants to have in-depth understanding of the subject.

This is one of the most difficult textbooks to read that I've ever encountered. I think some of that has to do with the fact that the material is hard to begin with, but even still: The book constantly references equations by number (eq 5.14) and does so dozens of pages removed. That alone is super obnoxious.

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

The Finite Element Method: Linear Static and Dynamic Finite Element Analysis (Dover Civil and Mechanical Engineering) Fundamentals of Finite Element Analysis Finite Element Modeling for Stress Analysis Schaum's Outline of Finite Element Analysis Stability of Structures by Finite Element Methods, Volume 40 (Studies in Applied Mechanics) Extended Finite Element Method: Theory and Applications (Wiley Series in Computational Mechanics) An Introduction to the Finite Element Method (McGraw-Hill Mechanical Engineering) Fundamentals of Nursing: Human Health and Function (Craven, Fundamentals of Nursing: Human Health and Functionraven, Fundamentals of Nurs) General Class License Mastery: 2015-2019 General Class FCC Element 3 Question Pool Effective July 1, 2015 The 5-Element Guide to Healing with Whole Foods FCC Commercial Radio License Exam ELEMENT 8 Study Aid PEMF - The Fifth Element of Health: Learn Why Pulsed Electromagnetic Field (PEMF) Therapy Supercharges Your Health Like Nothing Else! The Blood and its Third Element Trickle Down Mindset: The Missing Element In Your Personal Success The Element Encyclopedia of 5000 Spells: The Ultimate Reference Book for the Magical Arts Hydrogen: The Essential Element Meditations on the Goddess, vol. 4 - the Goddess as the element of spirit The 13th Element: The Sordid Tale of Murder, Fire, and Phosphorus Mathematical Control Theory: Deterministic Finite Dimensional Systems (Texts in Applied Mathematics) A First Course in Finite Elements

[Dmca](#)