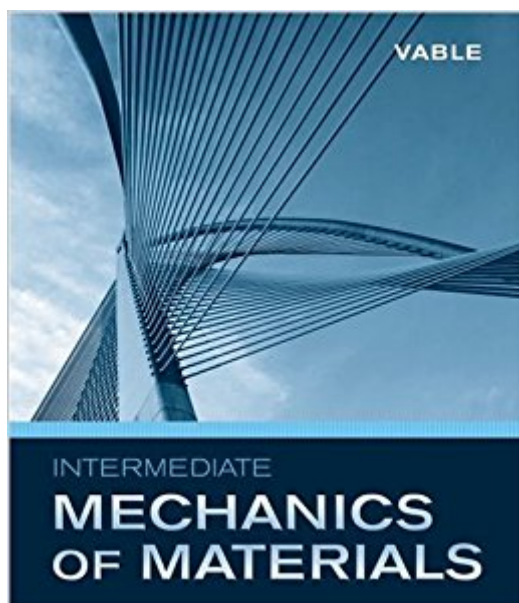


The book was found

# Intermediate Mechanics Of Materials



## Synopsis

Intermediate Mechanics of Materials provides an engaging treatment of three-dimensional stress and strain transformation, composites, non-linear and inelastic structural analysis, thin-walled structural members, energy methods, and the finite element method. Concise and accessible, the text logically links complex ideas together while building on students' prior knowledge. It explains different concepts through the repetitive use of a symbolic model, which relates displacements, strains, stresses, and internal/external forces and moments to each other. Intermediate Mechanics of Materials is designed for the second undergraduate course in mechanics of materials. Students should be already familiar with the basic concepts of stress, strain, axial rods, torsion of circular shafts, and symmetric bending of beams.

## Book Information

Hardcover: 624 pages

Publisher: Oxford University Press; 1st Edition edition (May 25, 2007)

Language: English

ISBN-10: 0195188551

ISBN-13: 978-0195188554

Product Dimensions: 9.3 x 1.5 x 7.8 inches

Shipping Weight: 2.5 pounds (View shipping rates and policies)

Average Customer Review: 2.7 out of 5 stars 2 customer reviews

Best Sellers Rank: #665,096 in Books (See Top 100 in Books) #74 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Strength of Materials #449 in Books > Science & Math > Physics > Mechanics #648 in Books > Textbooks > Science & Mathematics > Mechanics

## Customer Reviews

Madhukar Vable is Associate Professor of Mechanical Engineering and Engineering Mechanics at Michigan Technological University. He was honored as an MTU Distinguished Teacher and by the Michigan Association of Governing Boards of State Universities as a Distinguished Faculty Member. He is also a Fellow of the Wessex Institute of Technology in Great Britain. Dr. Vable is also the author of Mechanics of Materials, an introductory text (OUP).

My professor was a really good lecturer, and lectured straight out of the book, so I have to admit that I didn't refer to the book much. But I did use it when doing the homework because the book

works out a lot of examples that definitely help with the homework.

By far, the worst textbook I have ever had the displeasure of reading. Often the work problems will be precluded by maybe 2-3 pages of theoretical material, and no equations to work with. Doing homework problems is insanely difficult. The chapters are not readable at all. You will read some pages and then realize you absorbed nothing from them.

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

Workouts in Intermediate Microeconomics: for Intermediate Microeconomics and Intermediate Microeconomics with Calculus, Ninth Edition Mechanics of Materials (Computational Mechanics and Applied Analysis) Fracture Mechanics of Concrete: Applications of Fracture Mechanics to Concrete, Rock and Other Quasi-Brittle Materials Introduction to Practical Peridynamics: Computational Solid Mechanics Without Stress and Strain (Frontier Research in Computation and Mechanics of Materials) Intermediate Mechanics of Materials Damage Mechanics of Composite Materials, Volume 9 (Composite Materials Series) Mechanics Of Composite Materials (Materials Science & Engineering Series) Engineering Materials 3: Materials Failure Analysis: Case Studies and Design Implications (International Series on Materials Science and Technology) (v. 3) Biofluid Mechanics, Second Edition: An Introduction to Fluid Mechanics, Macrocirculation, and Microcirculation (Biomedical Engineering) Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) Computational Fluid Mechanics and Heat Transfer, Second Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) Engineering Mechanics: Statics Plus MasteringEngineering with Pearson eText -- Access Card Package (14th Edition) (Hibbeler, The Engineering Mechanics: Statics & Dynamics Series, 14th Edition) Reinforced Concrete: Mechanics and Design (4th Edition) (Civil Engineering and Engineering Mechanics) Fracture and Fatigue Control in Structures: Applications of Fracture Mechanics (Prentice-Hall International Series in Civil Engineering and Engineering Mechanics) Probabilistic fracture mechanics and reliability (Engineering Applications of Fracture Mechanics) Dynamic Fracture Mechanics (Cambridge Monographs on Mechanics) Quantum Mechanics: Re-engineering Your Life With Quantum Mechanics & Affirmations Advanced Molecular Quantum Mechanics: An Introduction to Relativistic Quantum Mechanics and the Quantum Theory of Radiation (Studies in Chemical Physics) Intermediate Classic Duets for Violin and Cello: 22 Classical and Traditional pieces arranged especially for equal players of intermediate standard. Most are in easy keys. Intermediate Classic Duets for Alto and Tenor Saxophones: 22 classical and traditional melodies for equal Alto (Eb) and Tenor (Bb) Sax players of intermediate

standard. Most are in easy keys.

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)