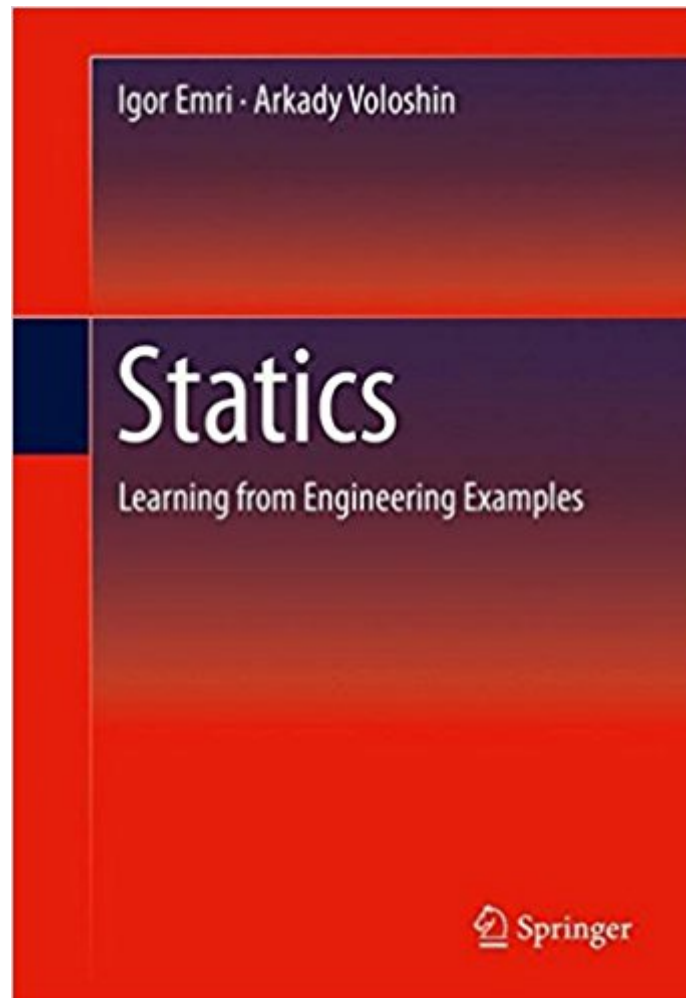




Ebook Directory
the best source of ebook

The book was found

Statics: Learning From Engineering Examples



Synopsis

This textbook introduces and explains the basic concepts on which statics is based utilizing real engineering examples. The authors emphasize the learning process by showing a real problem, analyzing it, simplifying it, and developing a way to solve it. This feature teaches students intuitive thinking in solving real engineering problems using the fundamentals of Newton's laws. This book also:

- Stresses representation of physical reality in ways that allow students to solve problems and obtain meaningful results
- Emphasizes identification of important features of the structure that should be included in a model and which features may be omitted
- Facilitates students' understanding and mastery of the "flow of thinking" practiced by professional engineers

Book Information

Hardcover: 570 pages

Publisher: Springer; 1st ed. 2016 edition (March 27, 2016)

Language: English

ISBN-10: 1493921002

ISBN-13: 978-1493921003

Product Dimensions: 6.3 x 1.4 x 9.5 inches

Shipping Weight: 2.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #239,853 in Books (See Top 100 in Books) #158 in Books > Science & Math > Physics > Mechanics #214 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Materials Science #231 in Books > Textbooks > Science & Mathematics > Mechanics

Customer Reviews

This textbook introduces and explains the basic concepts on which statics is based utilizing real engineering examples. The authors emphasize the learning process by showing a real problem, analyzing it, simplifying it, and developing a way to solve it. This feature teaches students intuitive thinking in solving real engineering problems using the fundamentals of Newton's laws. This book also:

- Stresses representation of physical reality in ways that allow students to solve problems and obtain meaningful results
- Emphasizes identification of important features of the structure that should be included in a model and which features may be omitted
- Facilitates students' understanding and mastery of the "flow of thinking" practiced

by professional engineers

Dr. Igor Emri is a Professor of Mechanical Engineering at the University of Ljubljana and is a full member of the European Academy of Sciences. He is also one of the Editors-in-Chief of the journal, *“Mechanics of Time-Dependent Materials”*. Dr. Arkady Voloshin is a Professor in the Department of Mechanical Engineering and Mechanics at Lehigh University.

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

Engineering Mechanics: Statics Plus MasteringEngineering with Pearson eText -- Access Card Package (14th Edition) (Hibbeler, The Engineering Mechanics: Statics & Dynamics Series, 14th Edition) Statics: Learning from Engineering Examples Engineering Mechanics: Statics (Mechanical Engineering) Engineering Fundamentals: An Introduction to Engineering (Activate Learning with these NEW titles from Engineering!) Examples & Explanations: Constitutional Law: National Power and Federalism (Examples & Explanations) Corporate Taxation: Examples And Explanations (Examples & Explanations) Examples & Explanations for Antitrust (Examples & Explanations Series) Examples & Explanations for Bankruptcy and Debtor Creditor (Examples & Explanations Series) Examples & Explanations for Secured Transactions (Examples & Explanations Series) Examples & Explanations for California Community Property (Examples & Explanations Series) Examples & Explanations for Evidence (Examples & Explanations Series) Examples & Explanations: Legal Writing, Second Edition (Examples and Explanations) Examples & Explanations for Dispute Resolution (Examples & Explanations Series) Examples and Explanations: Remedies, 2nd Edition (Examples & Explanations) Engineering Mechanics: Statics (14th Edition) Engineering Mechanics: Statics (13th Edition) Vector Mechanics for Engineers: Statics and Dynamics (Mechanical Engineering) Engineering Mechanics: Statics (5th Edition) Engineering Mechanics: Statics & Dynamics (14th Edition) Engineering Mechanics: Statics, Student Value Edition Plus MasteringEngineering with Pearson eText -- Access Card Package (14th Edition)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)