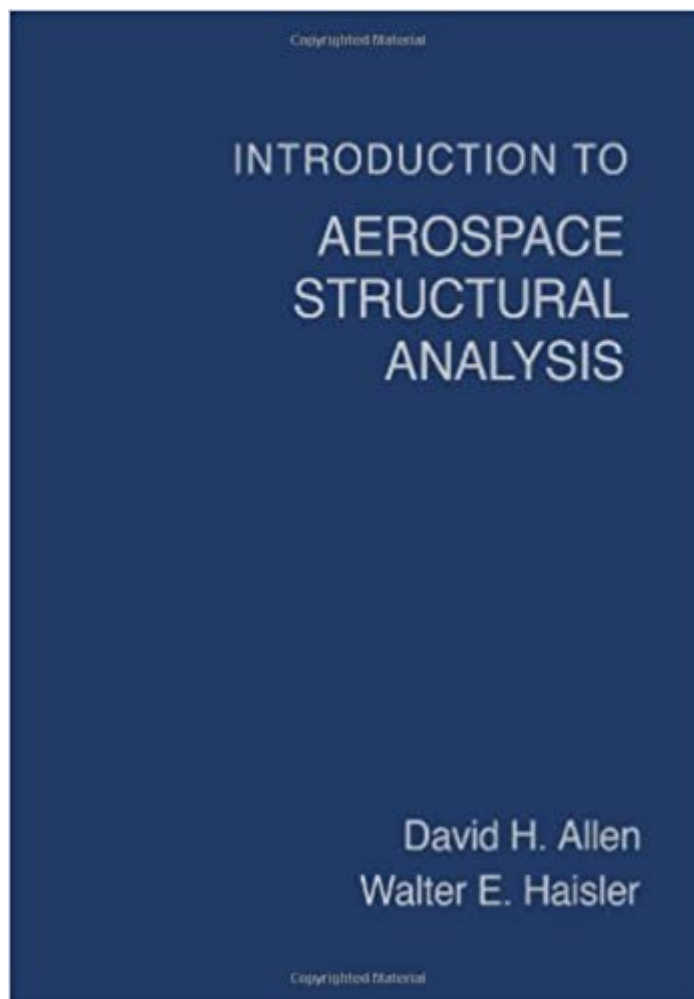


The book was found

Introduction To Aerospace Structural Analysis



Synopsis

This text provides students who have had statics and introductory strength of materials with the necessary tools to perform stress analysis on aerospace structures such as wings, tails, fuselages, and space frames. It progresses from introductory continuum mechanics through strength of materials of thin-walled structures to energy methods, culminating in an introductory chapter on the powerful finite element method.

Book Information

Paperback: 507 pages

Publisher: Wiley; 1 edition (February 20, 1985)

Language: English

ISBN-10: 0471888397

ISBN-13: 978-0471888390

Product Dimensions: 6.6 x 1.2 x 9.6 inches

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

Average Customer Review: 4.0 out of 5 stars 5 customer reviews

Best Sellers Rank: #462,766 in Books (See Top 100 in Books) #22 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural Dynamics](#) #249 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural](#) #255 in [Books > Textbooks > Engineering > Aeronautical Engineering](#)

Customer Reviews

This text provides students who have had statics and introductory strength of materials with the necessary tools to perform stress analysis on aerospace structures such as wings, tails, fuselages, and space frames. It progresses from introductory continuum mechanics through strength of materials of thin-walled structures to energy methods, culminating in an introductory chapter on the powerful finite element method.

This book is still being used by several universities teaching an Aerospace Structures class for aerospace engineers. This book is really a continuation of a mechanics of materials course, but much, much more focused on the pure math. The number of equations the author goes through to finally get to another equation is very unnecessary for your undergraduate engineering class, and can result in much confusion. There are a few examples in the book to help show practical applications, but not near enough to help students develop a full understanding of the materials. I

really didn't feel the book helped me understand the material much at all, I used several different online resources that were able to explain the same concepts in a much more simple way. A mathematician would appreciate this book much more than an engineer. Having all the math proofs isn't bad, but the book desperately needs more examples and a complete overhaul of the explanation of the material. It hasn't been updated since 1985. But if you are here wondering if the paperback version is the same as the hardback, it is. Buy the paperback and you will probably save at least \$50.

Got this for my class and it was exactly what I wanted.

Great book! Lacks in explaining all of the technical jargon.

awesome and very well. I don't get excited about knives BUT this product is WONDERFUL! as soon as you pick it up....you KNOW this is a sturdy professional product! there is NO OTHER product in any department store like this one.....ITS WELL WORTH THE PRICE!!! 5 stars! so fast, receive it next day , 5 star. i think it is very good ,

I had classmates who splurged and bought the most recent edition of this book and they wished that they had not because I did not miss out on anything. The only difference is the practice problems.

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

Introduction to Aerospace Structural Analysis Structural Analysis: With Applications to Aerospace Structures (Solid Mechanics and Its Applications) Introduction to Structural Dynamics and Aeroelasticity (Cambridge Aerospace Series, Vol. 15) Introduction to Structural Dynamics and Aeroelasticity (Cambridge Aerospace Series) Theory of Aerospace Propulsion, Second Edition (Aerospace Engineering) Theory of Aerospace Propulsion (Aerospace Engineering) Structural Analysis and Synthesis: A Laboratory Course in Structural Geology Structural Analysis and Synthesis: A Laboratory Course in Structural Geology 3rd (third) edition by Rowland, Stehen M., Duebendorfer, Ernest M., Schiefelbein, I published by Wiley-Blackwell (2007) [Spiral-bound] Structural Analysis and Synthesis: A Laboratory Course in Structural Geology, 2nd Edition Eyes Turned Skyward: An Introduction to Aerospace Engineering with Emphasis on Aerodynamics and Aircraft Performance Analysis Analysis of Aircraft Structures: An Introduction (Cambridge Aerospace Series) Strengthening of Reinforced Concrete Structures: Using Externally-Bonded Frp Composites in Structural and Civil Engineering (Woodhead Publishing Series in Civil and Structural

Engineering) Structural Dynamics of Earthquake Engineering: Theory and Application Using Mathematica and Matlab (Woodhead Publishing Series in Civil and Structural Engineering) The Techniques of Modern Structural Geology, Volume 3: Applications of Continuum Mechanics in Structural Geology Introduction to Aircraft Structural Analysis, Second Edition Design and Analysis of Composite Structures: With Applications to Aerospace Structures Introduction to Flight (Mcgraw-Hill Series in Aeronautical and Aerospace Engineering) Aerodynamic Noise: An Introduction for Physicists and Engineers (Springer Aerospace Technology) An Introduction to Flapping Wing Aerodynamics (Cambridge Aerospace Series) Introduction to Airborne Radar (Aerospace & Radar Systems (Software))

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)