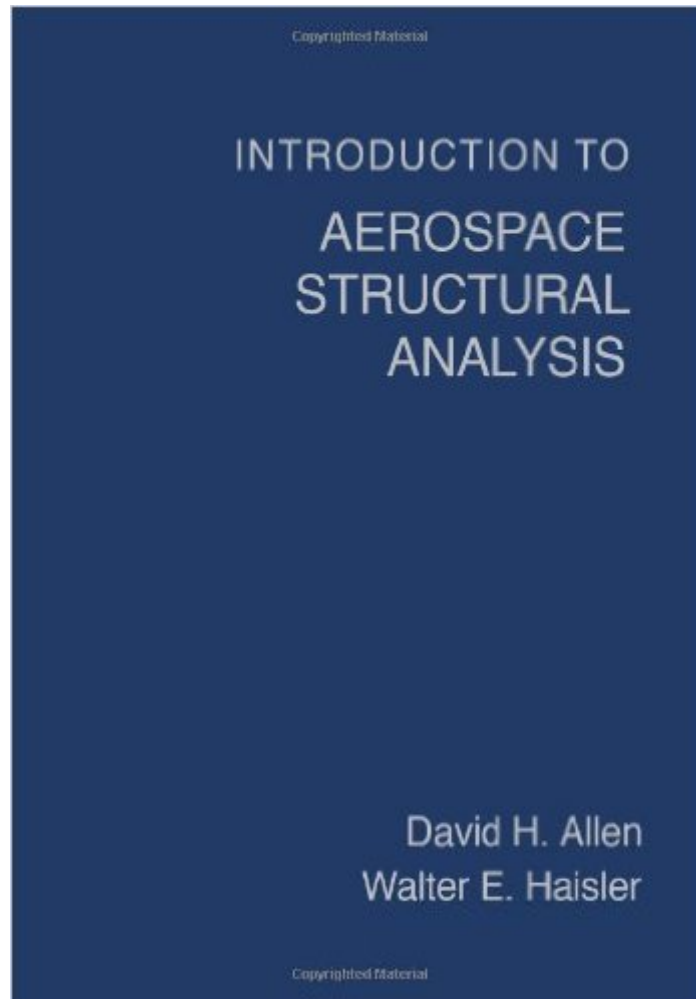


The book was found

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 starsÂ Â See all reviewsÂ (4 customer reviews)

Best Sellers Rank: #1,012,234 in Books (See Top 100 in Books) #46 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural Dynamics #505 inÂ Books > Textbooks > Engineering > Aeronautical Engineering #513 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural

Customer Reviews

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 rehaul 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.

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

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

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 Introduction to Aircraft Structural Analysis (Elsevier Aerospace Engineering) 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) Analysis of Aircraft Structures: An Introduction (Cambridge Aerospace Series) 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] Design and Analysis of Composite Structures: With Applications to Aerospace Structures Structural Stability of Steel: Concepts and Applications for Structural Engineers The Techniques of Modern Structural Geology, Volume 3: Applications of Continuum Mechanics in Structural Geology Introduction to Aircraft Structural Analysis, Second Edition Introduction to Aircraft Structural Analysis Aircraft Structures for Engineering Students, Fifth Edition (Elsevier Aerospace Engineering) Aircraft Structures for Engineering Students, Fourth Edition (Elsevier Aerospace Engineering) Aircraft Structures for Engineering Students (Elsevier Aerospace Engineering) Aircraft Aerodynamic Design: Geometry and Optimization (Aerospace Series) Large Energy Storage Systems Handbook (Mechanical and Aerospace Engineering Series) Aerospace Engineering: From the Ground Up Mechanics of Composite Materials, Second Edition (Mechanical and Aerospace Engineering Series)

[Dmca](#)