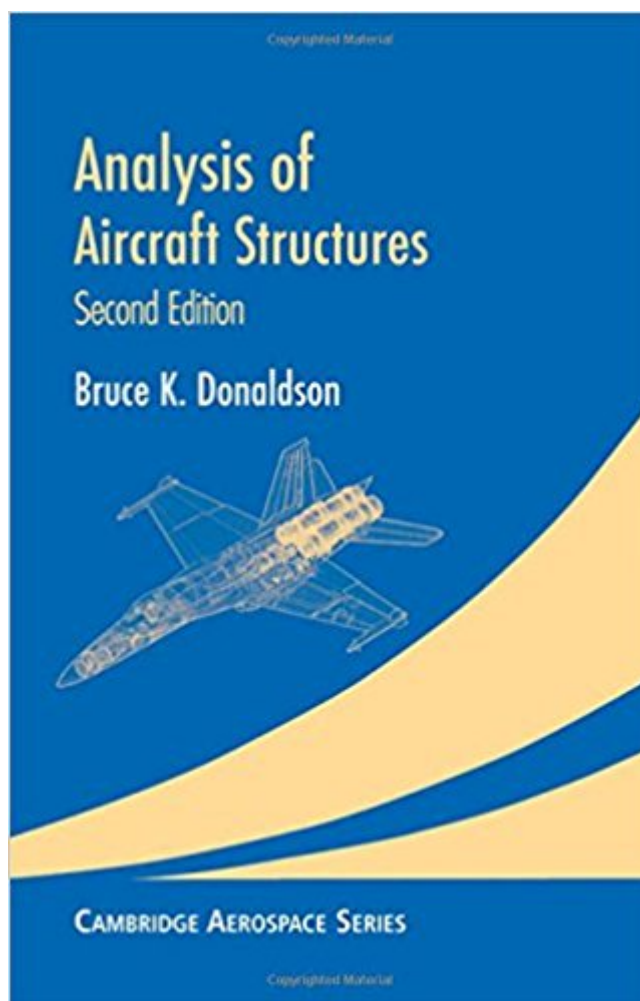


The book was found

# Analysis Of Aircraft Structures: An Introduction (Cambridge Aerospace Series)



## Synopsis

As with the first edition, this textbook provides a clear introduction to the fundamental theory of structural analysis as applied to vehicles, aircraft, spacecraft, automobiles, and ships. The emphasis is on the application of fundamental concepts of structural analysis in everyday engineering practice. No assumptions are made with regard to the method of analysis. All approximations are accompanied by a full explanation of their validity. Repetition is an important learning tool, and so some redundancy appears to dispel misunderstanding. The number of topics covered in detail is limited to those essential for modern structural engineering practice. In this new edition, more topics, figures, examples, and exercises have been added. A primary change has been a greater emphasis on the finite element methods of analysis. Three new chapters are now included, and clarity remains the hallmark of this text.

## Book Information

Series: Cambridge Aerospace Series (Book 24)

Hardcover: 976 pages

Publisher: Cambridge University Press; 2 edition (March 24, 2008)

Language: English

ISBN-10: 0521865832

ISBN-13: 978-0521865838

Product Dimensions: 7 x 2 x 10 inches

Shipping Weight: 3.6 pounds (View shipping rates and policies)

Average Customer Review: 2.9 out of 5 stars 3 customer reviews

Best Sellers Rank: #854,867 in Books (See Top 100 in Books) #44 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural Dynamics #148 in Books > Engineering & Transportation > Engineering > Aerospace > Aircraft Design & Construction #475 in Books > Textbooks > Engineering > Aeronautical Engineering

## Customer Reviews

Review of the hardback: 'Although the approach is classical, what makes this book different is the extensive and thorough treatment with hundreds of examples, questions and answers. No other textbook offers such a treatment ... The extensive treatment and very large number of examples is welcomed. Cambridge University Press is to be congratulated on producing a quality product for [a] reasonable price ...' G. A. O. Davies, Imperial College London

This text provides clear instruction in the fundamental concepts of structural analysis applied to vehicular structures such as aircraft, automobiles, ships, and spacecraft. It employs three strategies to achieve clarity of presentation: all approximations are fully explained, many important concepts are repeated, and essential introductory topics are covered.

This book gives a clear picture into the structural analysis part and clear examples about how to apply those concepts in everyday engineering life...

This book is horribly organized and written. Dimension in problems are totally arbitrary and are not clearly labeled. Entirely too wordy and questions refer to questions on questions on questions. e.g. problem 9.9 a-c refers to 3 different figures and conditions listed in 3 separate problems. The claim that "clarity remains the hallmark of this text" is an awful lie. I would never wish this evil onto anyone.

This book is very wordy and seems to go into so much unnecessary detail that it can lose the reader.

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

Analysis of Aircraft Structures: An Introduction (Cambridge Aerospace Series) The World Encyclopedia of Aircraft Carriers and Naval Aircraft: An Illustrated History Of Aircraft Carriers And The Naval Aircraft That Launch From ... Wartime And Modern Identification Photographs Design and Analysis of Composite Structures: With Applications to Aerospace Structures Aircraft Structures for Engineering Students, Fifth Edition (Elsevier Aerospace Engineering) Aircraft Structures for Engineering Students (Elsevier Aerospace Engineering) Aircraft Structures for Engineering Students, Fourth Edition (Elsevier Aerospace Engineering) Eyes Turned Skyward: An Introduction to Aerospace Engineering with Emphasis on Aerodynamics and Aircraft Performance Analysis Structural Analysis: With Applications to Aerospace Structures (Solid Mechanics and Its Applications) Theory of Aerospace Propulsion, Second Edition (Aerospace Engineering) Theory of Aerospace Propulsion (Aerospace Engineering) An Introduction to Flapping Wing Aerodynamics (Cambridge Aerospace Series) Introduction to Structural Dynamics and Aeroelasticity (Cambridge Aerospace Series, Vol. 15) Introduction to Structural Dynamics and Aeroelasticity (Cambridge Aerospace Series) Aircraft Systems: Mechanical, Electrical and Avionics Subsystems Integration (Aerospace Series) Thermal Structures for Aerospace Applications (AIAA Education Series) Composite Structures & Construction: Modern Methods In Wet Lay-up & Prepreg Construction for

Aerospace / Automotive / Marine Applications (DIY Home Workshop Book 2) Health Monitoring of Aerospace Structures: Smart Sensor Technologies and Signal Processing A History of Aerodynamics: And Its Impact on Flying Machines (Cambridge Aerospace Series) Applied Computational Aerodynamics: A Modern Engineering Approach (Cambridge Aerospace Series) Spacecraft Dynamics and Control: A Practical Engineering Approach (Cambridge Aerospace Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)