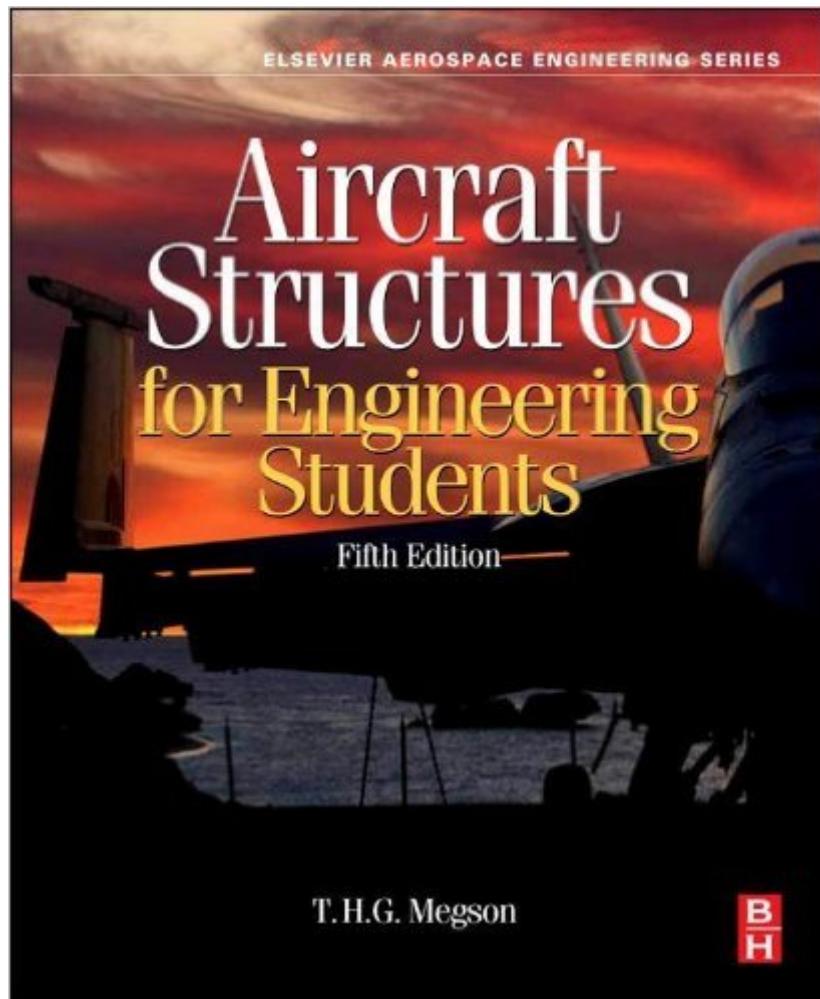


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# Aircraft Structures For Engineering Students (Elsevier Aerospace Engineering)



## **Synopsis**

Aircraft Structures for Engineering Students is the leading self contained aircraft structures course text. It covers all fundamental subjects, including elasticity, structural analysis, airworthiness and aeroelasticity. Now in its fifth edition, the author has revised and updated the text throughout and added new examples and exercises using Matlab(c). Additional worked examples make the text even more accessible by showing application of concepts to airframe structures. Includes a Solutions Manual available to all adopting teachers.

- \* New worked examples throughout the text aid understanding and relate concepts to real world applications
- \* Matlab examples and exercises added throughout to support use of computational tools in analysis and design
- \* An extensive aircraft design project case study shows the application of the major techniques in the book

## **Book Information**

File Size: 13062 KB

Print Length: 864 pages

Publisher: Butterworth-Heinemann; 5 edition (February 20, 2012)

Publication Date: February 20, 2012

Sold by: Digital Services LLC

Language: English

ASIN: B0083TVEFK

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #565,388 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #42 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural Dynamics #96 in Kindle Store > Kindle eBooks > Business & Money > Industries > Transportation #239 in Kindle Store > Kindle eBooks > Nonfiction > Science > Astronomy & Space Science > Aeronautics & Astronautics

## **Customer Reviews**

This is what the title says - for engineering students. It is not really useful for the practicing aircraft structural analyst. The mathematics presented is considerably more involved than is presented in most other airframe analysis texts, with emphasis on how stress formulae are derived. A bit over the

top if all you want is to know how to analyse a practical problem, but ideal for the student who needs to know the foundations of analysis. A little bit annoying how equations are quoted by number, forcing the reader to continuously return to previous chapters.

The 4th edition of this book complete and improve the already good level of the 3rd edition. It is probably one the best book dedicated to the study of the aircraft structures for aerospace engineering student.

As an Aeronautical Engineering student, using this book has been great. Not the easiest reading I've come by, but the text is very clear and the subjects are organized in an intuitive manner, making it a good reference for my courses.

Have used this text for 2 aerospace structures classes. Great reference material and easy to learn from.

Good source but not as good as Bruhn. That is a classic in comparison to this text so a good back-up.

this book is good for both undergrads and master's student how wants their fundamentals to be revised or made stronger. This book is very well complied. The initial chapters covers the basic Structural part and part B makes us relate those things with the aircraft structures. also the examples are good and very well written,

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