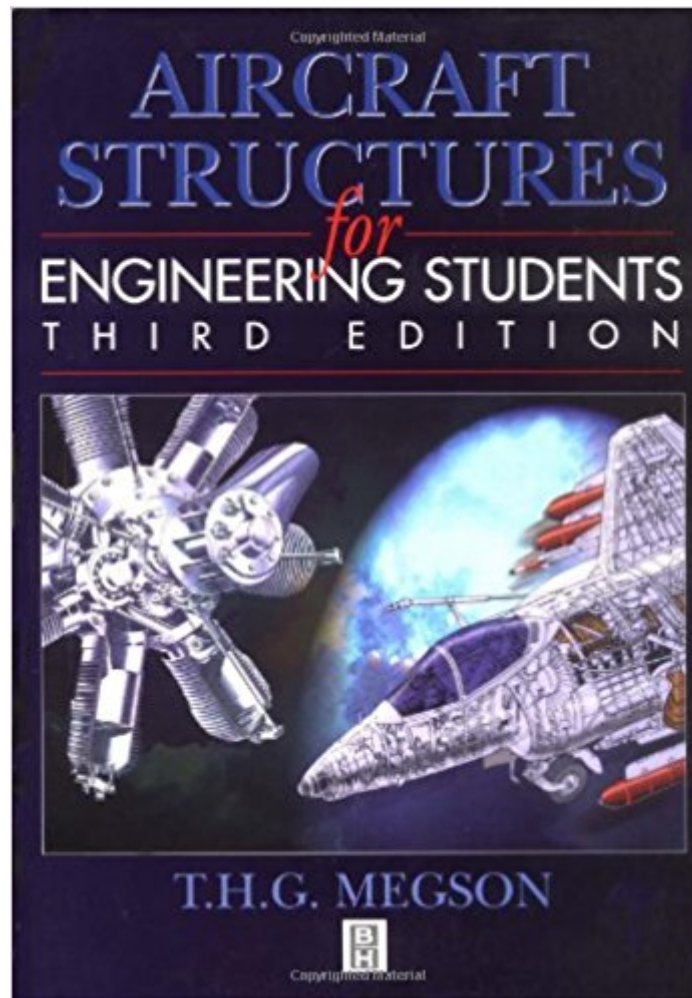




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Aircraft Structures For Engineering Students, Third Edition



Synopsis

'Aircraft Structures for Engineering Students' provides a completely self contained course in aircraft structures, which includes discussion on the fundamentals of elasticity and aircraft structural analysis, as well as the associated topics of airworthiness and aeroelasticity. Although much of the basic material is timeless, the author has updated the text throughout, including new material on areas that have developed since the last edition - in both educational and technological terms. As well as extensive revisions, the new edition includes a solutions manual for all end of chapter problems to accompany the text. The expansion of aviation makes aircraft structures an increasingly important topic at undergraduate level. Since its original publication in 1972, this book has become the 'bible' for aircraft structures. Extra worked examples and problems. Latest materials in aircraft construction. Airframe loads produced by manoeuvring.

Book Information

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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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