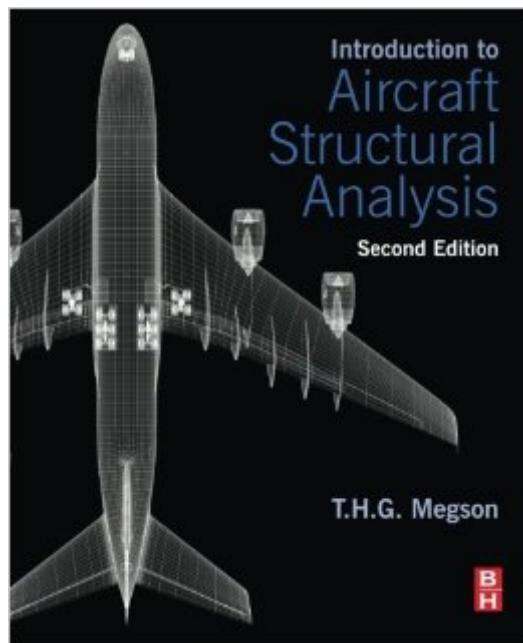


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# Introduction To Aircraft Structural Analysis, Second Edition



## Synopsis

Based on the author's best-selling text, Aircraft Structures for Engineering Students, this brief book covers the basics of structural analysis as applied to aircraft structures. Coverage of elasticity, energy methods and virtual work set the stage for discussions of airworthiness/airframe loads and stress analysis of aircraft components. Numerous worked examples, illustrations, and sample problems show how to apply the concepts to realistic situations. Self-contained, this value-priced book is an excellent resource for anyone learning the subject. Based on the author's best-selling text Aircraft Structures for Engineering Students, this introduction covers core concepts in about 200 fewer pages than the original by removing some optional topics like structural vibrations and aeroelasticity. Systematic step-by-step procedures in the worked examples. Self-contained, with complete derivations for key equations.

## Book Information

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## Customer Reviews

Best used if followed from start to finish, but relatively easy to follow and straight forward.

This textbook is awful, plain and simple. Very few examples, you won't be able to do every problem in the book even if you read through every example. Additionally, what few examples there are skip steps, don't tell you what variables are, and don't show you how equations are derived. If you're taking a class that uses this book, good luck.

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