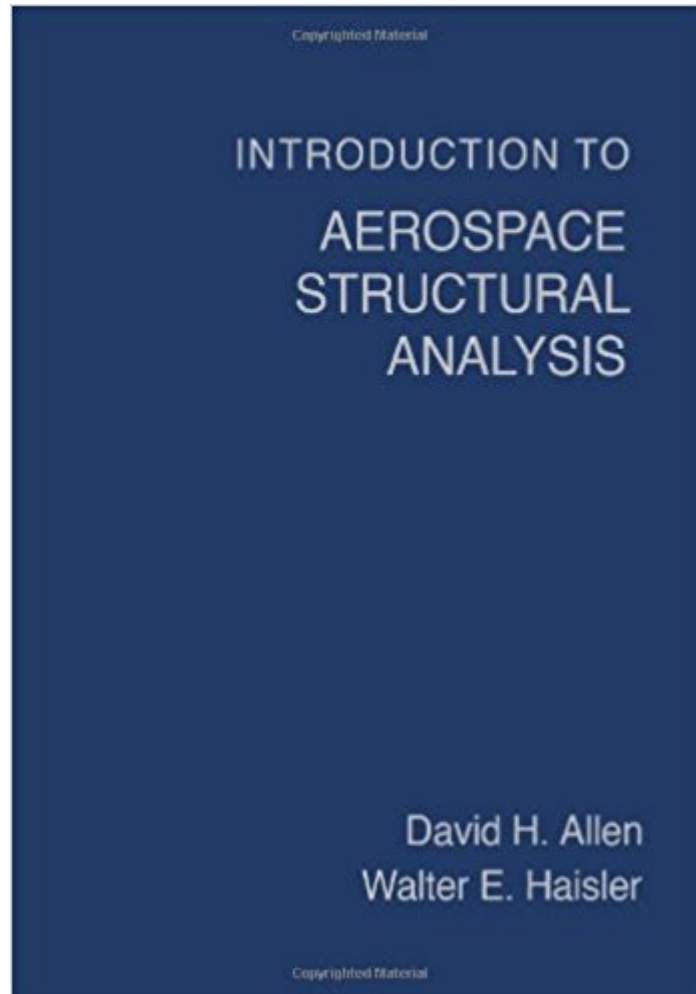




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Introduction To Aerospace Structural Analysis



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.

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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.

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.

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

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

awesome and very well. I don't get excited about knives BUT this product is WONDERFUL! as soon as you pick it up....you KNOW this is a sturdy professional product! there is NO OTHER product in any department store like this one.....ITS WELL WORTH THE PRICE!!! 5 stars! so fast, receive it next day , 5 star. i think it is very good ,

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.

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