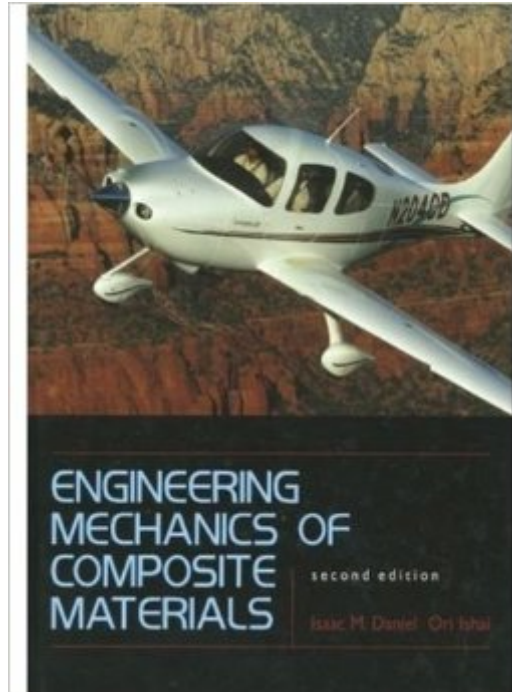


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Engineering Mechanics Of Composite Materials



Synopsis

Engineering Mechanics of Composite Materials, 2/e analyzes the behavior and properties of composite materials--rigid, high-strength, lightweight components that can be used in infrastructure, aircraft, automobiles, biomedical products, and a myriad of other goods. This edition features additional exercises and new material based on the author's research and advances in the field.

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Customer Reviews

The book Engineering Mechanics of Composite Materials by Isaac M. Daniel and Ori Ishai is probably one of the best introduction books for composite analysis. I own several books in composites and so far this is the book I believe is most intuitive. I used this book as undergraduate and I continue to use it today. The book is easy to follow and for the most part provides with the formulation of most of the equations cover in the book. The only thing it lacks is a section in tensor analysis to help students understand stress and strain transformation via linear algebra. Over all I would recommend this text to anyone interested in learning the basics laminated composite analysis.

This book is really friendly for a novice in composites. It contains a lot of theoretical and experimental data, solved problems and problems for the reader to solve and also lots of enlightening illustrations and figures. Chapters 7 and 8 nicely cover stress and failure analysis and characterization and testing subjects. Overall a very good book and up to date.

This book is very helpful but you need to have a solid background in mechanics of material. The authors assume you know the basics and do not elaborate much on them. Very good examples and problems. A good reference.

I like this text book for my under graduate students it has a lot of materials informations.

I use this book for designing composite aircraft structures and it does help me, although i wish they had more programs for running optimal layups of composite surfaces, but all in all a worth book for student and professional engineers alike.

This is a well crafted book. I keep examining other books because I find there seem many but I find few cover the mechanics and failure concepts as well as this book.

This book is not nearly thorough enough. For the price it should be 2-3x as thick.

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