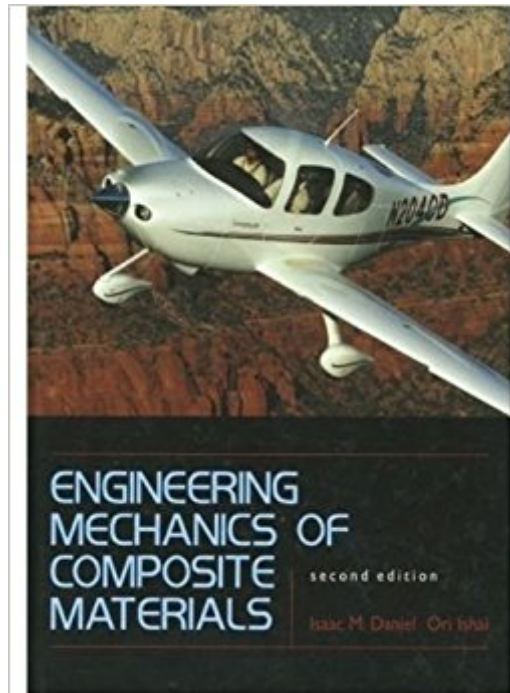




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Engineering Mechanics Of Composite Materials



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.

Book Information

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"This book is unique and different from other books on the mechanics of continuous fiber reinforced composite materials, because it succeeds in meeting its objectives....Easy to read and succeeds in presenting the subject material in a highly organized and effective approach. The book is recommended as a teaching textbook for a senior undergraduate or graduate course."--Applied Mechanics Review
"I really like the application-type problems following each chapter. Up-to-date examples with applications are good!"--David R. Veazie, Clark Atlanta University --This text refers to an out of print or unavailable edition of this title.

Isaac M. Daniel is at Northwestern University. Ori Ishai is at Israel Institute of Technology.

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

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.

very good

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.

Yes

Item was as described.

I bought this book to help me with my Master of Engineering study in aerospace engineering. On each and every subject, the book jumps quickly into mathematical methods and derivation without sufficient physical or engineering description. It may be considered as a good reference for the formulae and equations for composites, but never a good book that explains or teaches the engineering or physical aspects of the mechanics of composites. It is a classical problem with engineering professors and authors who are more in the "calculus world" than the key engineering concepts.

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