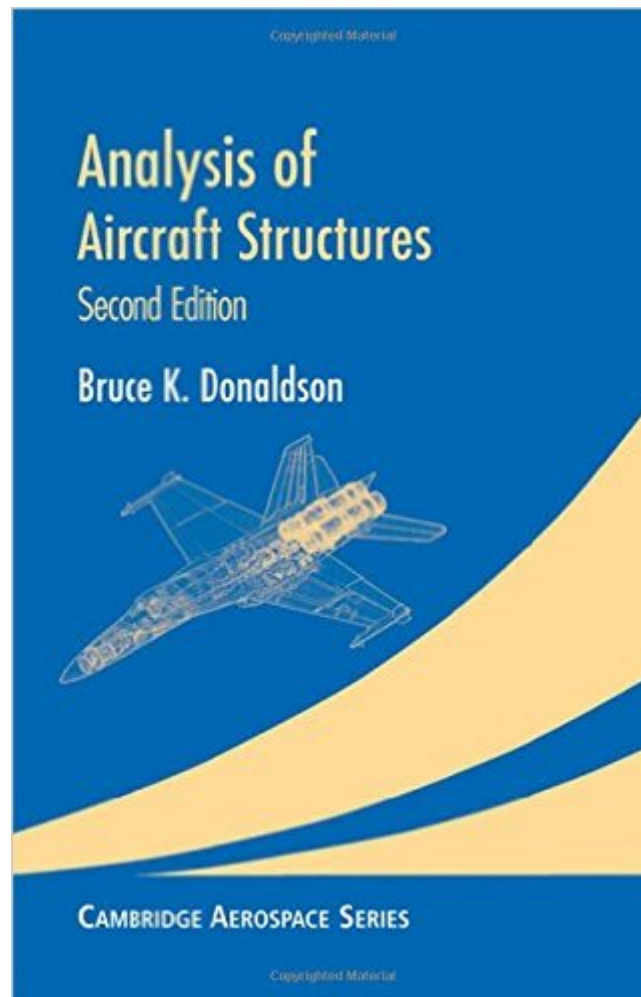


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Analysis Of Aircraft Structures: An Introduction (Cambridge Aerospace Series)



Synopsis

As with the first edition, this textbook provides a clear introduction to the fundamental theory of structural analysis as applied to vehicles, aircraft, spacecraft, automobiles, and ships. The emphasis is on the application of fundamental concepts of structural analysis in everyday engineering practice. No assumptions are made with regard to the method of analysis. All approximations are accompanied by a full explanation of their validity. Repetition is an important learning tool, and so some redundancy appears to dispel misunderstanding. The number of topics covered in detail is limited to those essential for modern structural engineering practice. In this new edition, more topics, figures, examples, and exercises have been added. A primary change has been a greater emphasis on the finite element methods of analysis. Three new chapters are now included, and clarity remains the hallmark of this text.

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This book is horribly organized and written. Dimension in problems are totally arbitrary and are not clearly labeled. Entirely too wordy and questions refer to questions on questions on questions. e.g. problem 9.9 a-c refers to 3 different figures and conditions listed in 3 separate problems. The claim that "clarity remains the hallmark of this text" is an awful lie. I would never wish this evil onto anyone.

This book gives a clear picture into the structural analysis part and clear examples about how to apply those concepts in everyday engineering life...

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