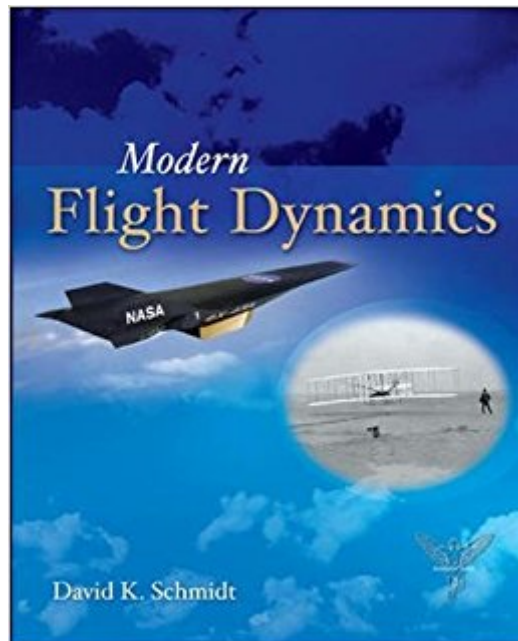




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Modern Flight Dynamics



Synopsis

This book is written primarily as a textbook, but with today's extensive military emphasis on unmanned flight drones and highly maneuverable vehicles, practicing aerospace engineers in the industry, as well as electrical engineers working in flight controls, will find this book a valuable reference. The field of flight dynamics has evolved considerably, and is still evolving in large part because of the prevalence of feedback control systems that now dominate the dynamic response of most new aircraft. Thus, in addition to a thorough and readable treatment of more conventional topics, this book provides a much more rigorous emphasis on dynamics coupled with extensive linear-system analysis to meet the needs of today's engineers and designers

Book Information

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Customer Reviews

This book is a milestone in education in flight dynamics. For decades, the syllabus for this subject was based on the works of Perkins and Hage and later that of Etkin. Unfortunately, this syllabus was too manned aircraft-centric and didn't address other subject areas that had become of importance in the field over the years. A good attempt to rectify this was the recent book by Robert Stengel. But Schmidt's book is more apropos to the needs of the engineer and also provides a more vivid presentation. This will likely be the classic text in this subject for the next few decades.

It should be obvious that I got this book for a college class. Its a good book, and I even decided to keep it rather than selling it at the end of the semester.

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