

Aircraft Control and Simulation

By Brian L. Stevens, Frank L. Lewis

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This comprehensive guide discusses the fundamental principles and theory of aircraft control and simulation. It also covers modeling and dynamic analysis, stability evaluation, multivariable control theory, and computer-aided design techniques. The inclusion of topics from geodesy and gravitation lays the groundwork for a discussion of the theory for suborbital aircraft now under development.
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* Coverage of new MIMO design techniques, robustness theory, and nonlinear design
Complete with examples of actual designs from the aircraft industry plus exercise problems, Aircraft Control and Simulation, Second Edition is an excellent reference for anyone involved in the design and modeling of aerospace vehicles and an outstanding text for both undergraduates and graduate students.

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Editorial Review

Review
"The text should be of value to any student, researcher, or practitioner interested in flight control and simulation." (*AIAA Journal*: Vol.42, No.11; Nov. 2004)

From the Publisher
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