## Nonlinear Problems in Aviation and Aerospace (Stability and Control: Theory, Methods and Applications)

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and Control Theory, Methods and Applications

> Nonlinear Problems in

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#### **Nonlinear Problems in Aviation and Aerospace (Stability and Control: Theory, Methods and Applications**) From Gordon & Breach

The study of nonlinear phenomena in aviation and aerospace includes developments in computer technology and the use of nonlinear mathematical models. Nonlinearities are a feature of aircraft dynamics and flight control systems and need to respond to achieve stability and performance. This multiauthor volume comprises selected papers from the conference Nonlinear Problems in Aviation and Aerospace at Embry-Riddle Aeronautical University and additional invited papers from many distinguished scientists. Coverage includes orbit determination of a tethered satellite system using laser and radar tracking, and intelligent control of agile aircraft, flight control with and without control surfaces.

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