DESCRIPTION

Designed to prepare students to become aeronautical engineers who can face new and challenging situations. Retaining the same philosophy as the two preceding editions, this update emphasizes basic principles rooted in the physics of flight, essential analytical techniques along with typical stability and control realities. In keeping with current industry practice, flight equations are presented in dimensional state-vector form. The chapter on closed-loop control has been greatly expanded with details on automatic flight control systems. Uses a real jet transport (the Boeing 747) for many numerical and worked-out examples.

An accompanying solutions manual can be purchased separately.

ABOUT THE AUTHOR

Bernard Etkin, CM FRSC was a Canadian academic and one of the world's recognized authorities on aircraft guidance and control. Lloyd Duff Reid is the author of Dynamics of Flight: Stability and Control, 3rd Edition, published by Wiley.
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