



Missile Guidance and Pursuit: Kinematics, Dynamics and Control

By N A Shneydor

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The continuing evolving capability of guided weapons demands ever more knowledge of their development. This modern and comprehensive book covers the control aspect of guidance of missiles, torpedoes, robots, and even animal predators, from the viewpoint of the pursuer. The text studies trajectories, zones of interception, the required manoeuvre effort, time of flight, launch envelopes, and stability of the guidance process. Mathematics at first-year university level is the only prerequisite. Acquaintance with feedback control theory would be helpful to the reader.

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Review

A bargain, highly recommended to all missile guidance engineers, old-hand or starting their career. Also a well-suited course textbook for final year and post-graduate applied mathematics and engineering courses. Could be dipped into at bed time, as well as serving as a valuable addition to the workplace library., The Aeronautical Journal

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