
COMPARISON OF HYPERSONIC AIRCRAFT QUASI HORIZONTAL MANEUVER CONTROL METHODS

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Abstract

We studied the movement and possible maneuvering of the advanced hypersonic aircraft in the Earth's atmosphere. We solved the problem of determining the maximum capacity of the system, the quality assessment of the control algorithms by comparing the calculated trajectory with the optimal (reference) one

Keywords

Hypersonic aircraft, control method, maneuvering, banking angle, atmosphere, optimal control

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