

عنوان مقاله:

A Trajectory Shaping Guidance Design for Midcourse Phase of Flight

محل انتشار:

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خلاصه مقاله:

In this paper, a trajectory shaping guidance scheme is proposed using optimal control theory based on timevarying weighting function in performance index. This guidance law satisfies the final position and dive angle in the presence of aerodynamical force and gravity. The time-varying weighting function is chosen to shape the commanded acceleration for trajectory constraints such as a zero acceleration at handover and midway trajectory constraints as well.

کلمات کلیدی:

Trajectory Shaping – Midcourse Guidance Law – Final Dive Angle

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<https://civilica.com/doc/134687>

