ASWING - Software for Aerodynamic, Structural, and Control-response Analysis of Aircraft
Technology #7821

Technology

ASWING is a software program for the aerodynamic, structural, and control-response analysis of aircraft with flexible wings and fuselages of high to moderate aspect ration. Static, time-domain dynamic, and frequency-domain dynamic analyses can be performed, allowing predictions of divergence, control reversal, flutter, trajectory pertubations, structural strains and stresses, structural load resultants, etc.

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http://raphael.mit.edu/aswing
ASWING Frequently Asked Questions
http://web.mit.edu/drela/Public/web/aswing/aswing_faq.txt

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