

Design and Validation of Aerospace Control Systems

AL13-00 - Design and Validation of Aerospace Control Systems: an Overview of Methods & Tools

AL13-01 - The H_∞ Control Problem is Solved

AL13-02 - Nonlinear Structured H_∞ Controllers for Parameter-Dependent Uncertain Systems with Application to Aircraft Landing

AL13-03 - Gain-Scheduled H_∞ Loop-Shaping Autopilot Design for Spin-Stabilized Canard-Guided Projectiles

AL13-04 - Randomized and Robust Methods for Uncertain Systems using R-RoMuIOC, with Applications to DEMETER Satellite Benchmark

AL13-05 - Stability Analysis by a New Algorithmic Approach Based on Integral Quadratic Constraints: Application to an Aircraft Benchmark

AL13-06 - Robustness Margins for Linear Parameter Varying Systems

AL13-07 - Anti-Windup Algorithms for Pilot-Induced-Oscillation Alleviation

AL13-08 - Structured Control for Future European Launchers

AL13-09 - Surrogate Assisted Computation of the Parametric Safety Margin for a Flexible Launcher

AL13-10 - Stability Analysis of a Set of Uncertain Large-Scale Dynamical Models with Saturations