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Nota di contenuto	Cover; Editorial; Flight dynamics models used in different national and international projects; Hybrid RANS/LES for active flow control; The potential application method of magnetic levitation technology - as a ground-based power - to assist the aircraft takeoff and landing processes; A novel approach for trajectory tracking of UAVs; Bolt-joint structural health monitoring by the method of electromechanical impedance; Experimental and numerical investigation of a swirl-stabilized premixed methane/air flame; Simulation of a propeller disk presented by distribution of velocities Formulation of the optimization problem for engine mount design - tractor propeller caseMultiple objective optimization of the power unit for a very light jet; Simplified thermo-fluid model of an engine cowling in a small airplane; The preliminary design of the air-intake system and the nacelle in the small aircraft-engine integration process; Erratum
Sommario/riassunto	This special issue is dedicated to the 2nd EASN Workshop on Flight Physics and Propulsion. Following the EASN policy on knowledge and innovation dissemination activities, the workshop hosted individual technical and fundamental research presentations as well as advancements of ongoing research projects on the topic, providing also a forum for the development of innovative ideas for future research. From the numerous interesting contributions to the workshop, this

special issue presents a selection of papers accepted for publication  
after peer review.

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