

1. Record Nr.	UNISA990000493700203316
Titolo	Free radicals and aging / edited by Ingrid Emerit, Britton Change
Pubbl/distr/stampa	Basel [etc.] : Birkhauser, copyr. 1992
ISBN	3-7643-2744-8
Descrizione fisica	IX, 437 p. : ill. ; 24 cm.
Collana	EXS ; 62
Disciplina	612.67
Soggetti	Radicali liberi - Effetti fisiologici Senescenza
Collocazione	612.67 FRE
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910688372003321
Titolo	Aeronautics : new advances // Zain Anwar Ali, Dragan Cvetkovic, editor
Pubbl/distr/stampa	London : , : IntechOpen, , 2022
Descrizione fisica	1 online resource (244 pages)
Disciplina	629.13252
Soggetti	Aeronautics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Unmanned Aerial Vehicle for Agriculture Surveillance 17 -- 2. Review of Agricultural Unmanned Aerial Vehicles (UAV) Obstacle Avoidance System 20 -- 3. Motion Planning of UAV Swarm: Recent Challenges and Approaches 85 -- 4. Quadrotor-Type UAVs Assembly and Its

Application to Audit Telecommunications Relays 16 -- 5. Robust Control Algorithm for Drones 83 -- 6. Military Aircraft Flight Control 141 -- 7. Simulation of a Mathematical Model of an Aircraft Using Parallel Techniques (MPI and GPU) 38 -- 8. Modeling and Simulation of APU Based on PEMFC for More Electric Aircraft 35 -- 9. Role of Human Factors in Preventing Aviation Accidents: An Insight 185 -- 10. The Impact of the Pandemic Effect on the Aviation in the Environmental Quality of the Air Transport and Travelers 32.

Sommario/riassunto

This book provides a comprehensive overview of aeronautics. It discusses both small and large aircraft and their control strategies, path planning, formation, guidance, and navigation. It also examines applications of drones and other modern aircraft for inspection, exploration, and optimal pathfinding in uncharted territory. The book includes six sections on agriculture surveillance and obstacle avoidance systems using unmanned aerial vehicles (UAVs), motion planning of UAV swarms, assemblage and control of drones, aircraft flight control for military purposes, the modeling and simulation of aircraft, and the environmental application of UAVs and the prevention of accidents.
