

1.	Record Nr.	UNINA990009784520403321
	Autore	Moggi, Guido
	Titolo	Inventario delle specie del genere Eucaliptus esistenti in Italia = = Inventory of the species of the genus eucalyptus existing in Italy / Guido Moggi
	Pubbl/distr/stampa	S. l. : Ente nazionale per la cellulosa e per la carta, 1956
	Descrizione fisica	53 p., 1 c. ripieg., 6 c. : ill. ; 24 cm
	Locazione	ILFGE
	Collocazione	Dono Fondi M-034
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Estr. da: Pubblicazioni del Centro di sperimentazione agricola e forestale, 1956
2.	Record Nr.	UNINA9910497099903321
	Autore	Kahraman Cengiz
	Titolo	Intelligent and Fuzzy Techniques in Aviation 4. 0 : Theory and Applications
	Pubbl/distr/stampa	Cham : , : Springer International Publishing AG, , 2021 ©2022
	ISBN	3-030-75067-1
	Descrizione fisica	1 online resource (547 pages)
	Collana	Studies in Systems, Decision and Control Ser. ; ; v.372
	Altri autori (Persone)	AydnSerhat
	Soggetti	Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Intro -- Preface -- Contents -- Contributors -- Introduction to Intelligent and Fuzzy Techniques in Aviation 4.0: Theory

and Applications -- Aviation 4.0 Revolution -- 1 Introduction -- 2 Aviation 4.0 Technologies -- 2.1 Ground Services Application in Aviation 4.0 -- 2.2 Maintenance and Production in Aviation 4.0 -- 2.3 Unmanned Aerial Vehicle Technology in Aviation 4.0 -- 3 Aviation 4.0 in the Literature -- 4 The Future of the Aviation Revolution -- 5 Conclusion -- References -- Intelligent Systems in Aviation 4.0 Industry -- 1 Introduction -- 2 Intelligent Systems -- 3 Intelligence in Aviation 4.0 -- 4 Fuzzy Systems in Aviation 4.0 -- 5 Fuzzy MCDM Methods in Aviation 4.0 -- 6 Conclusions -- References -- Intelligent and Fuzzy Applications in Aviation 4.0 Ground Services -- Fuzzy Logic Controller for Aviation Parking with 5G Communication Technology -- 1 Introduction -- 2 Preliminaries -- 3 Material and Method -- 4 Proposed Model -- 4.1 Case Study -- 4.2 Proposed Model -- 4.3 Parameters -- 4.4 Assumptions -- 4.5 Assigning of Neutrosophic Numbers and De-Neutrosophication -- 4.6 De-Neutrosophication -- 4.7 FLC Approach for the Calculation of Time -- 4.8 Defuzzification -- 4.9 Membership Function Editor -- 4.10 The Rule Editor -- 4.11 Defuzzified Results -- 4.12 Mobile Usability -- 4.13 How It Will Work? and the Role of 5G? -- 5 Result Discussion and Conclusion -- References -- An Integrated Fuzzy Decision Making and Integer Programming Model for Robot Selection for a Baggage Robot System -- 1 Introduction -- 2 Literature Review -- 3 Conventional Baggage Handling Systems -- 4 Baggage Robot Systems -- 5 Proposed Model -- 6 Application of the Proposed Model -- 7 Conclusion -- References -- Complex Spherical Fuzzy Sets and an Application to Catering Services in Aviation 4.0 -- 1 Introduction -- 2 Methodology -- 2.1 Complex Spherical Fuzzy Sets. 2.2 The EDAS Model with Complex Spherical Fuzzy Information -- 3 Application of CSFSs for MCDM Problems -- 4 Discussion -- 5 Conclusions -- References -- Digitalization on Aviation 4.0: Designing a Scikit-Fuzzy Control System for In-Flight Catering Customer Satisfaction -- 1 Introduction -- 2 Proposed Methodology -- 3 Application -- 4 Conclusion and Discussion -- References -- Analysis of Intelligent Software Implementations in Air Cargo Using Fermatean Fuzzy CODAS Method -- 1 Introduction -- 2 Literature Review -- 3 Air Cargo System -- 4 CODAS Method -- 4.1 Crisp CODAS Method -- 4.2 Fuzzy Extensions of the CODAS Method -- 5 Fermatean Fuzzy CODAS Method -- 5.1 Algebraic Operations of FFNs -- 5.2 Ranking of Fermatean Fuzzy Sets -- 5.3 Proposed Methodology -- 6 Application -- 7 Conclusion -- References -- Intelligent and Fuzzy Applications in Aircraft Handling Services with Aviation 4.0 -- 1 Introduction -- 2 Aircraft Ground Handling Operations -- 3 Ground Handling Fleets Automation -- 3.1 Previous Ground Handling Automation Studies -- 3.2 ACDM and Ground Handling Decision Making -- 3.3 Ground Handling Management Structures -- 4 Mathematical Formulation of GSE Decision Problems -- 4.1 Resources and Demand for Ground Handling Services -- 4.2 Formulation of the GSE Assignment Problem for Type I Operations -- 4.3 Formulation of the GSE Assignment Problem Type II -- 4.4 Formulation of the GSE Assignment Problem Type III -- 4.5 Formulation of the GSE Assignment Problem Type IV -- 5 Conclusions -- References -- Novel Spherical Fuzzy Eco-holonic Concept in Sustainable Supply Chain of Aviation Fuel -- 1 Introduction -- 2 Literature Review -- 2.1 Holarchy and Holonic Structures -- 2.2 Decision Making -- 2.3 Aviation Industry and Aviation Fuel Supply Chain -- 2.4 Sustainable Supply Chain (SSC) for Fuel of Airlines -- 3 Preliminaries. 3.1 Eco-holarchy and Eco-holonic Structure -- 3.2 Spherical Fuzzy Sets -- 4 Methodology -- 4.1 Spherical Fuzzy Eco-holarchy (SF Eco-

holarchy) -- 4.2 SF Eco-holarchy Application in a MAGDM Problem -- 5  
 Application -- 6 Conclusion -- References -- On-Board Cost Index  
 Computation Through Fuzzy Logic -- 1 Introduction -- 2 Needs  
 for Enhanced Automation of Flight Management -- 3 On-Board Flight  
 Plan Generation -- 3.1 Main Functions of Flight Management Systems  
 -- 4 Cost Index -- 4.1 The Flight Costs -- 4.2 Definition of the Cost  
 Index -- 4.3 Current Usage of Cost Index -- 4.4 Vertical Profile  
 Optimization -- 5 Tactical Cost Index Fuzzy Computation -- 5.1 The  
 Operational Framework -- 5.2 Fuzzy Monitoring of the Cost Index --  
 5.3 Tactical Cost Index Calculation -- 5.4 A Rule-Based Specialist  
 Decision Maker in Aviation 4.0 -- 5.5 Case Study -- 6 Conclusions --  
 References -- Intelligent and Fuzzy Applications in Aviation 4.0 Aircraft  
 Maintenance/Production Management -- Toward Joint Application  
 of Fuzzy Systems and Augmented Reality in Aircraft Disassembly -- 1  
 Introduction -- 2 Aircraft Disassembly -- 3 Fuzzy Approaches  
 to Disassembly Planning -- 4 Application of Augmented Reality  
 in Disassembly -- 5 Fuzzy Approach and Augmented Reality  
 in Disassembly -- 6 Application Perspective -- 7 Conclusion --  
 References -- Some Novel Preference Relations for Picture Fuzzy Sets  
 and Selection of 3-D Printers in Aviation 4.0 -- 1 Introduction -- 2  
 Literature Review: Aviation 4.0 -- 3 Preliminaries -- 4 Picture Fuzzy  
 Preference Relations and Incomplete Picture Fuzzy preference Relations  
 -- 4.1 Picture Fuzzy Preference Relations -- 4.2 Incomplete Picture  
 Fuzzy Preference Relations -- 5 Some Alternative Ranking Algorithms  
 -- 5.1 PFPR Based Algorithm for Rank the Alternatives -- 5.2 Case  
 Study -- 5.3 Incomplete PFPR Based Algorithm for Rank the  
 Alternatives.  
 5.4 Numerical Example -- 6 Conclusion -- References -- A Conceptual  
 Framework for Estimating the Remaining Operational Lifetime  
 of the Recovered Components from End of Life Aircraft Using Fuzzy  
 Simulation and Digital Twin -- 1 Introduction -- 2 Application  
 of Industry 4.0 in Aircraft Maintenance -- 3 Fuzzy Models in Aircraft  
 Maintenance -- 4 Estimating RUL of the Complex Products -- 5 Digital  
 Models and the Advantages in Maintenance and Complex Products  
 Health Monitoring -- 6 A Conceptual Framework Using the Digital  
 Model and Fuzzy Simulation for Estimating RUL -- 7 Conclusion --  
 References -- Designing a System Architecture for the Management  
 of the Recovered Parts from End-of-Life Aircraft Using Fuzzy Decision  
 Making and Blockchain -- 1 Introduction -- 2 Literature Review -- 3  
 Aircraft at the End of Life and Parts Management -- 4 Proposed System  
 Architecture Using Fuzzy Logic and Blockchain -- 5 Application  
 Perspectives -- 6 Conclusion -- References -- Intelligent and Fuzzy  
 Applications in Aviation 4.0 Transportation and Cargo Management --  
 A Hybrid Model Based on FAHP and WASPAS for Evaluation of Explosive  
 and Narcotics Trace Detection Devices -- 1 Introduction -- 2 Literature  
 Review -- 3 Methodology -- 3.1 FAHP -- 3.2 WASPAS -- 4 Case Study  
 -- 4.1 Scenario Analysis -- 5 Conclusion -- References -- Selection  
 of the Best Face Recognition System for Check in and Boarding Services  
 -- 1 Introduction -- 2 Face Recognition-State of Art, Developments  
 and Challenges in the Context of Aviation 4.0 -- 3 Literature Review --  
 4 Methodology -- 4.1 Fuzzy Z-Numbers -- 4.2 Fuzzy Z-AHP -- 4.3  
 Fuzzy Z-Grey Relational Analysis -- 5 Application -- 6 Conclusion --  
 References -- Intelligent and Fuzzy Approaches in Aviation 4.0  
 Transportation and Cargo Applications -- 1 Introduction -- 2 Literature  
 Review -- 3 Axiomatic Design -- 3.1 Independence Axiom.  
 3.2 Information Axiom -- 3.3 Fuzzy Independence Axiom -- 3.4 Fuzzy  
 Information Axiom -- 4 Design Principles of Smart Containers -- 5  
 Conclusion -- References -- Intelligent and Fuzzy Applications

in Aviation 4.0 Unmanned Aerial Vehicle Technologies -- Blockchain Applications in UAV-Towards Aviation 4.0 -- 1 Introduction -- 1.1 Role of BCT in Aviation -- 2 Literature Review -- 2.1 Blockchain Technology and Its Implementation Architecture -- 2.2 BCT Classification -- 2.3 BCT and Aviation System Applications -- 3 Methodology -- 4 Applications of BCT-Based Aviation System -- 5 Conclusion and Discussion -- References -- Intelligent and Fuzzy UAV Transportation Applications in Aviation 4.0 -- 1 Introduction -- 2 Literature Review -- 2.1 Vehicle Routing Problem -- 2.2 Path Planning Problem -- 2.3 Facility Location Problem -- 2.4 Other Related UAV Problems -- 3 Methodology -- 3.1 Fuzzy Mathematical Model -- 3.2 The Crisp Equivalent of the Fuzzy Model -- 4 Solution Method and Results -- 5 Conclusion -- References -- Spherical Fuzzy Inference Systems (S-FIS) to Control UAVs' Communication Technologies -- 1 Introduction -- 2 Literature Review -- 2.1 Fuzzy Logic and Fuzzy Inference Systems (FIS) -- 2.2 Fuzzy Sets Evolution and Spherical Fuzzy Sets (SFSSs) -- 2.3 Unmanned Aerial Vehicles (UAVs) -- 3 Methodology -- 3.1 Preliminaries -- 3.2 Proposed Methodology -- 4 An Application of S-FIS: To Control and Select UAVs' Communication Technologies -- 5 Conclusion -- References -- Technology Analysis for Logistics 4.0 Applications: Criteria Affecting UAV Performances -- 1 Introduction -- 2 Unmanned Aerial Vehicle and Aviation 4.0 Concepts -- 3 Methods -- 3.1 Pythagorean Fuzzy AHP -- 3.2 Hesitant Fuzzy Linguistic Term Set -- 4 Application -- 5 Results and Discussion -- References. A Novel Mathematical Model to Design UAV Trajectory for Search and Rescue Operations in Disaster.

---

3. Record Nr.	UNISA996280513703316
Titolo	IEEE Std 1063-1987 // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	New York : , : IEEE, , 1988
ISBN	0-7381-3132-6
Descrizione fisica	1 online resource (20 pages)
Disciplina	005.15
Soggetti	Software documentation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Minimum requirements for the structure and information content of user documentation are provided. They apply primarily to technical substance rather than to style. Editorial and stylistic considerations are addressed only when they impact structure and content. Only traditional documentation, either printed on paper or stored in some other medium in the format of a printed document and used in a manner analogous to the way a printed document is used, is addressed.