1. Record Nr. UNINA9910551828003321 Innovations in smart cities applications. Volume 5: the proceedings of Titolo the 6th international conference on smart city applications // edited by Mohamed Ben Ahmed, [and five others] Cham, Switzerland: ,: Springer, , [2022] Pubbl/distr/stampa ©2022 **ISBN** 3-030-94191-4 Descrizione fisica 1 online resource (1116 pages) Lecture Notes in Networks and Systems;; v.393 Collana Disciplina 307.760285 Soggetti Smart cities

Lingua di pubblicazione Inglese
Formato Materiale a stampa

Livello bibliografico Monografia

Nota di bibliografia Includes bibliographical references.

Nota di contenuto Intro -- Preface -- Committees -- Conference Chair -- Conference

General Chairs -- Conference Technical Program Committee Chair --Publication Chair -- Special Issues Chair -- Local Organizing Committee -- Technical Program Committee -- Keynotes -- Zero-Touch Management and Orchestration of Network Slices in 5G and Beyond Networks -- Smart Cities Strategies: Critical Success Factors --Design for Energy: Prosumer Buildings -- Smart Buildings to Smart Cities-The Role of BIM and GIS Integration -- Smart Sustainable Urbanism -- Contents -- Smart City -- 1 Smart City Research Between 1997 and 2020: A Systematic Literature Review -- Abstract -- 1 Introduction -- 2 Method -- 2.1 A Systematic Literature Review -- 2.2 Grounded Theory Approach for Reviewing Literature -- 3 Results -- 3.1 Definition -- 3.2 Research -- 3.3 Selection -- 3.4 Analysis -- 4 Conclusion -- References -- 2 Human Computation Based Platform for Citizen Services in Smart Cities -- Abstract -- 1 Introduction and Background -- 1.1 Motivation -- 1.2 Related Systems -- 1.3 Distinguishing Features of our Platform -- 2 System Description and Design -- 2.1 User Profiling -- 2.2 Data Collection Methods -- 2.3 Location Awareness -- 2.4 Data Quality Assessment -- 2.5 Assessment of Agreement between Users -- 2.6 Privacy Issues -- 2.7 Reward System -- 2.8 Users and Roles -- 3 Deployment and Testing -- 4 Conclusions and Possible Extensions -- References -- 3 Smart Home

Study Within the Scope of Urban Transformation Project: Case of MAtchUP Antalya Project -- Abstract -- 1 Introduction -- 1.1 Smart City -- 1.2 Smart Home -- 2 Antalya Kepez&amp -- Santral Neighbors Urban Transformation -- 2.1 Situation Before Urban Transformation --3 MAtchUP Projects and Smart Home Applications -- 4 Conclusion --References -- 4 Spatial Analysis for Smart City Approach: The Case of Beikta-Etiler Neighborhood. Abstract -- 1 Introduction -- 2 Material and Method -- 2.1 Material --2.2 Method -- 3 Results -- 3.1 Land Use Analysis -- 3.2 Floor Height Analysis -- 3.3 Urban Pattern Analysis -- 3.4 Green Space Analysis --3.5 Transportation Analysis -- 3.6 Image Analysis -- 4 Conclusion --References -- 5 Utilization of the Visiting Jogia Mobile Application as a Provider of Information Regarding Limitations of Tourism Activities During the COVID-19 Pandemic in the Special Region of Yogyakarta --Abstract -- 1 Introduction -- 2 Literature Review -- 2.1 The Use of Information and Communication Technology in Tourism -- 2.2 Tourism During the COVID-19 Pandemic -- 2.3 Visiting Jogia Mobile Application -- 3 Methodology -- 4 Result and Discussion Result and Discussion --4.1 Provision of Information Related to Restrictions on Tourism Activities During the COVID-19 Pandemic -- 4.2 The Utilization of Visiting Jogia Mobile Application -- 5 Implementation of Visiting Jogia Mobile Application -- 6 Conclusion -- Acknowledgements --References -- 6 Intelligent Competitiveness of Logistics Companies Based on Benchmarking Approach -- Abstract -- 1 Introduction -- 2 Need/Importance of Benchmarking in the Competitiveness of Companies -- 3 Develop a Comptetitive Advantage -- 4 Integration of Technological Model -- 5 Competition of Logistics Companies in Morocco: Main Players, Competition and Key Statistics -- 6 Conclusion -- References -- 7 An Integrated Human-Al Framework Towards Organizational Agility and Sustainable Performance -- Abstract -- 1 Introduction -- 2 Review of Literature -- 2.1 Artificial intelligence --2.2 Organizational Agility -- 2.3 Impact of AI on Organizational Agility: Systematic Literature Review -- 2.4 Impact of HR Practises on Organizational Agility: Systematic Literature Review -- 3 Proposition of an ntegrated Human-Al Framework for an Agile Firm. 4 Conclusion and Perspectives -- References -- 8 The Place of Stock Photography as a Digital Commerce in Turkey -- Abstract -- 1 Introduction -- 2 Literature Reviewer -- 3 Material and Method -- 3.1 PHP Programming Language -- 3.2 Laravel Framework -- 4 The Place of Stock Photography at Digital Commerce in Turkey -- 4.1 Role of Social Media and Web Sites -- 4.2 The Development of Digital Commerce in Informatics -- 4.3 The Need for Stock Photography -- 4.4 Stock Photo Sites -- 5 Conclusion and Discussion -- References -- 9 Fuzzy Classification of the Flow of Events for Decision-Making in Smart Systems -- Abstract -- 1 Introduction -- 2 STMF-Based Events Flow Classification Model -- 2.1 Problem Formulation -- 2.2 Short-Term Memory Footprint Model -- 2.3 Event Flow Classification Algorithm --3 Experimental Study of the Model -- 4 Conclusion -- References -- 10 A Decision Tree-Based Model for Tender Evaluation -- Abstract -- 1 Introduction -- 2 Literature Review -- 3 Methodology -- 4 Proposed Solution -- 4.1 System Architecture -- 4.2 Experimental Setup -- 4.3 Dataset Description -- 4.4 Attribute Selection -- 4.5 Model Building --4.6 Model Validation -- 4.7 Prototype Development -- 4.8 Prototype Testing -- 4.9 Prototype Testing -- 5 Discussions -- 6 Conclusions --Acknowledgements -- References -- 11 A Centralized Credit Scoring Prototype for Microlending Institutions Using Neural Networks --Abstract -- 1 Introduction -- 2 Literature Review -- 3 Methodology --4 Proposed Solution -- 4.1 System Requirements -- 4.2 System Design

13 Bayesian Regression Model Estimation: A Road Safety Aspect --Abstract -- 1 Introduction -- 2 Regression Model -- 2.1 Theoretical Background -- 2.2 Markov Chain Monte Carlo Method in Bayesian Regression Analysis -- 2.3 Functional Relationship of the Model -- 3 Technical Facilities -- 4 Results and Data Analysis -- 5 Conclusions --References -- Improving Vehicle Localization with Two Low-Cost GPS Receivers -- 1 Introduction -- 2 Related Work -- 3 Research Design --4 Research Approach -- 4.1 Data Preprocessing -- 4.2 Data Processing -- 5 Evaluation -- 5.1 Data Collection -- 5.2 Evaluation of the Results -- 6 Discussion -- 7 Conclusion and Future Work -- References -- 15 Current Trends in Smart Cities: Shared Micromobility -- Abstract -- 1 Introduction -- 2 Smart Cities -- 2.1 Smart Mobility -- 3 Shared Micromobility -- 3.1 Shared Micromobility Modes -- 3.2 Environmental Impact of Shared Micromobility -- 4 Conclusion -- References -- A Resilient Smart Architecture for Road Surface Condition Monitoring -- 1 Introduction -- 2 Related Work -- 3 The Proposed Architecture -- 3.1 Surface Detection Module -- 3.2 Reputation Module -- 3.3 Road Condition Inference -- 4 Experimental Evaluation -- 5 Conclusion --References -- 17 A New Graph Method Based on Deep Learning for Smart Intersections -- Abstract -- 1 Introduction -- 2 Traffic Signalization Systems -- 3 Deep Learning and Graph Theory -- 3.1 Deep Learning -- 3.2 Graph Theory -- 4 Proposed Method -- 5 Conclusion -- References -- 18 Smart Service Supply Chain and Just Walk Out Technology: A Netnographic Approach -- Abstract -- 1 Introduction -- 2 Materials and Methods -- 2.1 Supply Chain Management: Integrated and Specific Approach for the Service Company -- 2.2 The Just Walk Out of Amazon Stores: Mechanisms and Specifics -- 2.3 Methodological Approach: Nethography and Qualitative Analysis. 3 Results and Discussions -- 3.1 Assessment of the Level of Customer Involvement in the Purchasing Process -- 3.2 Attitudes Explaining the Level of Commitment in the Purchasing Process -- 3.3 Discussions -- 4 Conclusion -- References -- 19 Anomaly Detection in Region Mobility Utilization Using Daily Taxi Trajectory Dataset -- Abstract -- 1 Introduction -- 2 Anomaly Detection in Region Mobility Utilization --2.1 DBSCAN Algorithm -- 2.2 Proposed Anomalous Region Mobility Utilization Algorithm -- 3 Experimental Evaluation -- 3.1 The Dataset -- 3.2 Experimental Results -- 4 Conclusion -- References -- 20 Collaborative Ant Colony Multi-agent Planning System for Autonomous Mobile Robots in a Static Environment -- Abstract -- 1 Introduction --2 Background and Related Works -- 2.1 Multi Agent System -- 2.2 Multi-agent Holonic Systems -- 2.3 Ant Colony Optimization -- 2.4 Genetic Algorithms -- 3 Proposed Architecture and Global Path Planning Platform -- 3.1 Proposed Holonic-multi-agent Architecture --3.2 Proposed Collaborative Planning Platform -- 3.3 Configuration --3.4 Experimental Result -- 4 Conclusion -- Appendix 1 -- Appendix 2 -- References -- Smart Energie Management -- 21 CFD Study of the Flow and Heat Transfer Through an Unvented Trombe Wall -- Abstract -- 1 Introduction -- 2 Physical Problem and Mathematical Model -- 3 Numerical Procedure and Validation -- 4 Results and Discussion -- 4.1 Streamlines and Isotherms -- 4.2 Effects of the Emissivities of the Glazing and the Massive Wall -- 4.3 Effects of the Thicknesses of the Air Laver and the Glazing -- 5 Conclusion -- Acknowledgements --

-- 4.3 Experimental Setup -- 5 Conclusions -- Acknowledgements -- References -- 12 Smart & Druk -- Sustainable Rural Settlements Exam-The Plateau of Obruk -- Abstract -- 1 Introduction -- 1.1 Aim and Method -- 2 Findings -- 3 Field Study -- 4 Results and Suggestions --

References -- Smart Mobility and Intelligent Infrastructures.

References -- 22 Energy Management Techniques in Off Grid Energy Systems: A Review -- Abstract -- 1 Introduction -- 2 Microgrid Architecture -- 3 Energy Management of Off-Grid Microgrid System -- 4 Commonly Used Algorithms -- 4.1 Genetic Algorithm. 4.2 Fuzzy-Logic.