

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910502658503321 |
| Autore | Yang Xin-She |
| Titolo | Proceedings of Sixth International Congress on Information and Communication Technology : ICICT 2021, London, Volume 3 |
| Pubbl/distr/stampa | Singapore : , : Springer Singapore Pte. Limited, , 2021 ©2022 |
| ISBN | 981-16-1781-3 |
| Descrizione fisica | 1 online resource (1045 pages) |
| Collana | Lecture Notes in Networks and Systems Ser. ; ; v.216 |
| Altri autori (Persone) | SherrattSimon DeyNilanjan JoshiAmit |
| Soggetti | Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Intro -- Preface -- Contents -- Editors and Contributors -- Refining the Efficiency of R-CNN in Pedestrian Detection -- 1 Introduction -- 2 Pedestrian Detection Methods -- 3 Improving R-CNN Detector -- 3.1 Proposed Architectural Innovation of the R-CNN Detector Base Network -- 3.2 Proposed R-CNN Training Workflow -- 4 Training and Testing the R-CNN Detector -- 4.1 Classification Models Applied -- 4.2 Datasets -- 4.3 Training Data Pre-Processing -- 4.4 Performance Measures -- 5 Experimental Results -- 6 Conclusion -- References -- Towards Spark-Based Deep Learning Approach for Fraud Detection Analysis -- 1 Introduction -- 2 Proposed Spark-Based Deep Learning Architecture -- 3 Experimental Results -- 4 Conclusion and Discussion -- References -- Enhanced Dual-Band Bandstop Filter with Stepped-Impedance Resonators Using a Computer-Aided Optimization Technique -- 1 Introduction -- 2 DBBSF with SIRs -- 3 TSM -- 4 Results and Discussion -- 5 Conclusion -- References -- Self-Presentation and Social Anxiety on Facebook -- 1 Introduction -- 2 Literature Review -- 2.1 Belonging, Personality, and Self-Presentation on Facebook -- 2.2 Self-Expression, Self Esteem, and Self-Concept on Facebook -- 2.3 Social Comparison of Users on Facebook -- 2.4 Social Anxiety on Facebook -- 3 Methodology -- 3.1 Subjects/Participants -- 3.2 Research Design -- 4 Result -- 4.1 Social |

Media Usage -- 4.2 Self Presentation and User-Perception on Facebook -- 4.3 Social Anxiety on Facebook -- 5 Conclusion and Discussion -- References -- Automatic Regional Estimation of Myocardial Strain Using Deep Learning -- 1 Introduction -- 2 State of the Art of Automatic Methods for Cardiac Strain and Strain Rate Evaluation in MRI -- 2.1 Characterization of Myocardial Deformation -- 2.2 The Different Methods of Assessing Myocardial Strain in MRI. 2.3 Automatic Methods of Assessing Myocardial Deformation Using Deep Learning -- 3 Results and Discussions -- 4 Conclusion -- References -- Adversarial LSTM-Based Sequence-to-Sequence Model for Drug-Related Reactions Understanding -- 1 Introduction -- 2 Literature Background -- 2.1 Deep Neural Network Methods -- 2.2 Medical Concepts Normalization -- 3 Proposed Approach -- 4 Implementation and Experiments -- 5 Conclusion -- References -- Structural Organization of the Server System of Multiuser Device for Home Health Control -- 1 Introduction -- 2 System Description -- 3 Conclusion -- References -- Analyzing the Most Influencing Factors in Limiting the Spread of COVID-19 Disease -- 1 Introduction -- 2 Related Work -- 3 Dataset -- 3.1 Government Responses -- 3.2 Population Density and Age -- 3.3 Healthcare Factors -- 3.4 Temperature, Humidity, and Wind Speed -- 4 Analysis -- 4.1 Population Density -- 4.2 Age -- 4.3 HealthCare -- 4.4 Temperature/Humidity and Wind Speed -- 4.5 Government Responses -- 5 Conclusion -- References -- Performance Comparison of Two Java-Based Actor Systems -- 1 Introduction -- 2 Background and Related Work -- 2.1 Akka Concepts -- 2.2 Theatre Concepts -- 2.3 Actor Programming Style -- 3 The Iterated Prisoner's Dilemma Case Study -- 3.1 A PIPD Theatre Model -- 3.2 Porting the PIPD Model to Akka -- 4 Experimental Results -- 5 Conclusions -- References -- E-government Research in Africa: A Systematic Review -- 1 Introduction -- 2 Methodology -- 2.1 Data Sources -- 2.2 Inclusion and Exclusion Criteria -- 2.3 Search and Selection Process -- 3 Findings and Discussion -- 3.1 Year of Publication and Outlets -- 3.2 Research Themes -- 3.3 Nature of the Platform -- 3.4 Geographical Context of the Study -- 3.5 Underlying Theories/Frameworks/Models -- 3.6 Underlying Methods -- 4 Identified Gaps for Future Research. 4.1 Using Other Methodologies and Larger Sample Sizes -- 4.2 Theorization of E-government Studies -- 4.3 More Studies on Challenges in Implementing and Accessing E-government Platforms -- 5 Conclusion, Implications, and Limitations -- References -- Control to Manipulate Robotic Arms Using Augmented Reality -- 1 Introduction -- 2 Development -- 2.1 Kinematic Model -- 2.2 Control -- 3 Results Obtained -- 4 Conclusions -- References -- Analysis of Website Quality and City Government's Twitter Accounts in East Java Province, Indonesia -- 1 Introduction -- 2 Literature Review -- 2.1 The Use of Website on E-government -- 2.2 Measurement of the Quality of Government Website -- 2.3 Social Media on Government: Official Twitter Accounts -- 3 Method -- 4 Results -- 4.1 Website Quality on City Government -- 4.2 Social Media on Government: Official Twitter -- 5 Conclusion -- References -- How Does Local Government Use the Website and Twitters as Public Services Tools? A Case Study of Aceh Province Government, Indonesia -- 1 Introduction -- 2 Literature Review -- 2.1 Government Behavior -- 2.2 How ICT Effecting Behavior -- 2.3 ICT Performance on Services -- 3 Research Methods -- 4 Results and Discussion -- 4.1 Analysis of the Quality and Speed of Access to City Government Websites in Aceh Province -- 5 Use of City Government Twitter Accounts -- 6 Conclusion -- References -- How Does the Local Government Provide Official Website and Twitter

Quality? Case Study of Three Local Governments of Indonesia -- 1 Introduction -- 2 Literature Review -- 2.1 The Use of Website on E-Government -- 2.2 E-governance -- 2.3 Public Services -- 2.4 Measuring Quality of Government Website -- 2.5 Quality of E-Government Service -- 3 Method -- 4 Result -- 4.1 Website Quality on City Government -- 4.2 City Government Official Twitter Account -- 5 Conclusion -- References.

Cloud Computing Adoption-Based Digital Open Government Services: Challenges and Barriers -- 1 Introduction -- 2 Cloud Building Blocks for Digital Open Government -- 2.1 Cloud Challenges -- 3 Digital Open Government Challenges -- 3.1 Technological Challenges -- 3.2 Users Aspects -- 3.3 Social Challenges -- 3.4 Financial Challenges -- 4 Methodology -- 5 Result and Finding -- 5.1 Summary of the Questionnaire -- 5.2 Participants Details -- 6 Explanation of the Research Questions -- 6.1 Users' Views of Cloud-Based DOG Hurdles -- 6.2 IT-Employees' Views of Cloud-Based DOG Obstacles -- 6.3 Respondents' Views of the Really Significant Challenges -- 6.4 Assessment of Challenges Perceptions -- 7 Conclusion -- References

-- Teacher Agency: Navigating the Virtual Learning Environment in the New Normal -- 1 Introduction -- 1.1 The PLMS as the Primary Virtual Instructional Delivery System -- 1.2 The PMLS as a Negotiated Learning Platform -- 2 Main Objective and Research Problems -- 3 Research Methodology -- 4 Conditions Facilitating the Virtual Learning Environment -- 4.1 Student Context and Parental Involvement -- 4.2 The Nature of PLMS and Online Learning -- 4.3 Teacher Agency -- 5 Derived Virtual Teaching Models -- 6 Structuring Free Rein: Resolving Constraints -- 7 Conclusion -- References

-- Secure Trusted Operating System Based on Microkernel Architecture -- 1 Background -- 2 Related Work -- 3 Our Work -- 3.1 Trusted OS Architecture -- 3.2 Trusted OS Kernel -- 3.3 Trusted OS System Service -- 4 Evaluation -- 4.1 Trusted OS Kernel -- 4.2 Trusted OS System Service -- 5

Conclusions -- References -- The Case of Fabric and Textile Industry: The Emerging Role of Digitalization, Internet-of-Things and Industry 4.0 for Circularity -- 1 Introduction -- 2 Circular Economy in Textile Industry -- 3 Digital Solutions for Textile Circularity -- 4 IoT and Circular Fashion.

5 Conclusions and Discussions -- References -- Quality Assessment of Text Data Using C-RNN -- 1 Introduction -- 2 Related Work -- 2.1 Text Feature Extraction and Representation Techniques -- 2.2 Text Quality Assessment Techniques -- 2.3 Convolutional Neural Network -- 2.4 Recurrent Neural Networks -- 2.5 Convolutional Recurrent Neural Network -- 3 Proposed Method -- 3.1 Dataset -- 3.2 Data Pre-Processing -- 3.3 Proposed Deep Learning Model -- 3.4 Other Classification Methods -- 4 Evaluation and Results -- 5 Conclusion and Future Work -- References

-- Casablanca Smart City Project: Urbanization, Urban Growth, and Sprawl Challenges Using Remote Sensing and Spatial Analysis -- 1 Introduction -- 2 Related Works -- 2.1 Smart Cities Definition and Characteristics -- 2.2 Casablanca Smart City Model -- 3 Study Area -- 4 Spatial Data -- 5 Methodology -- 5.1 Data Processing Workflow -- 5.2 Satellite Imagery Classification -- 6 Results Analysis -- 6.1 Land Use Cover Maps and Change Detection -- 7 Conclusion -- References

-- Facial Expressions Classification on Android Smartphone for a User -- 1 Introduction -- 2 Related Work -- 3 Automatic System for Facial Expression Evaluation-Theoretical Background and State of the Art -- 3.1 State of the Art -- 4 Methodology for Facial Expression Evaluation System -- 5 Experiment and Evaluation of Success Rate -- 5.1 System Architecture -- 5.2 Result and Discussion -- 6 Conclusion and Future Development -- References

-- A Survey in IoT for Healthcare Applications -- 1 Introduction -- 2 Internet-of-Things (IoT) -- 2.1 IoT -- 2.2 Essential Component of IoT -- 2.3 Applications in IoT -- 2.4 Diverse Purposes of Internet-of-Things in Health Care Systems -- 2.5 Key Advantages of Internet-of-Things in Health Care Systems -- 2.6 Some Parameters Are Used in Healthcare System -- 2.7 Sensors in Healthcare System. 2.8 Some Opportunities of Internet-of-Things in Healthcare.
