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Titolo	The local magistrates of Roman Spain / / Leonard A. Curchin
Pubbl/distr/stampa	Toronto, [Ontario] ; ; Buffalo, [New York] ; ; London, [England] : , : University of Toronto Press, , 1990 ©1990
ISBN	1-282-03975-X 9786612039751 1-4426-7675-2
Descrizione fisica	1 online resource (289 p.)
Collana	Phoenix Supplementary Volumes Series
Disciplina	347.37016
Soggetti	Magistrates, Roman Local government - Spain - History Local government - Portugal - History Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes indexes.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Frontmatter -- CONTENTS -- PREFACE -- ABBREVIATIONS -- 1. The Evolution of the Magisterial System -- 2. Evidence for Local Magistrates in Roman Spain -- 3. Career Progression: The Cursus Honorum -- 4. Duties of Magistrates -- 5. Social Status -- 6. Romanization -- 7. Personal Wealth -- 8. Magistrates in the Late Empire -- 9. General Conclusions -- SELECT BIBLIOGRAPHY -- INTRODUCTION -- 1. Baetica -- 2. Lusitania -- 3. Tarraconensis (Hispania Citerior) -- 4. Addenda -- 5. Spurious or Doubtful Magistrates -- INDEX OF NAMES -- GENERAL INDEX -- 1. Baetica -- 2. Lusitania and Northwestern Tarraconensis -- 3. Eastern Tarraconensis -- Phoenix Supplementary Volumes Series
Sommario/riassunto	Local aristocracies were crucial to the administrative and social assimilation of provincial communities in the Roman world. Leonard Curchin focuses on local political élites in the Iberian Peninsula, providing the first comprehensive and up-to-date prosopographical catalogue of all known local magistrates in Roman Spain.

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Titolo	Complex, Intelligent and Software Intensive Systems : Proceedings of the 15th International Conference on Complex, Intelligent and Software Intensive Systems (CISIS-2021) / / edited by Leonard Barolli, Kangbin Yim, Tomoya Enokido
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-79725-2
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (788 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 278
Disciplina	620.00151
Soggetti	Computational intelligence Engineering - Data processing Dynamics Nonlinear theories Computational Intelligence Data Engineering Applied Dynamical Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Welcome Message of CISIS-2021 International Conference Organizers -- Organization -- CISIS-2021 Organizing Committee -- Honorary Co-chairs -- General Co-chairs -- Program Committee Co-chairs -- International Advisory Board -- Award Co-chairs -- International Liaison Co-chairs -- Publicity Co-chairs -- Finance Chair -- Local Arrangement Co-chairs -- Web Administrator Chairs -- Steering Committee Chair -- Track Areas and PC Members -- 1. Database and Data Mining Applications -- Sec101 -- Sec102 -- 2. Artificial Intelligence and Bio-inspired Computing -- Sec104 -- Sec105 -- 3. Multimedia Systems and Virtual Reality -- Sec106 -- Sec161 -- 4. Next Generation Wireless Networks -- Sec107 -- Sec108 -- 5. Semantic Web and Web Services -- Sec109 -- Sec110 -- 6. Security and Trusted Computing -- Sec112 -- Sec113 -- 7. HPC and Cloud Computing Services and Orchestration Tools -- Sec116 -- Sec1177 --

8. Parallel, Distributed and Multicore Computing -- Sec119 -- Sec1200 -- Sec1700 -- Sec121 -- Sec122 -- 10. Complex Systems, Software Modeling and Analytics -- Sec125 -- Sec126 -- 11. Multi-agent Systems, SLA Cloud and Social Computing -- Sec131 -- Sec138 -- 12. Internet of Everything and Machine Learning -- Sec141 -- Sec142 -- CISIS-2021 Reviewers -- CISIS-2021 Keynote Talks -- Asking AI Why: Explainable Artificial Intelligence -- Coevolution of Semantic and Blockchain Technologies -- Contents -- Four Grade Levels-Based Models with Random Forest for Student Performance Prediction at a Multidisciplinary University -- 1 Introduction -- 2 Related Work -- 3 Data Description -- 4 Proposed Approach -- 5 Experimental Results -- 6 Conclusion -- References -- The Role of Collective Engagement to Strengthen Organizational Identity -- Abstract -- 1 Introduction -- 2 Literature Review and Hypothesis Development -- 2.1 Collaboration and Competition.
2.2 Managerial Motivation and Collective Engagement -- 2.3 Engagement and Community Identity -- 2.4 Collapetition Management Practices -- 3 Method -- 4 Result and Discussion -- 5 Conclusion, Implication and Future Research -- References -- A Novel Structural and Semantic Similarity in Social Recommender Systems -- 1 Introduction -- 2 Related Work -- 3 Proposed Method -- 3.1 Dependency Graph of Users -- 3.2 Homophily Concept -- 3.3 User Modeling -- 3.4 Structural Information Extraction -- 4 Experiment and Results -- 4.1 Datasets -- 4.2 Evaluation Metrics -- 4.3 Results and Discussion -- 5 Conclusion -- References -- Trustworthy Explainability Acceptance: A New Metric to Measure the Trustworthiness of Interpretable AI Medical Diagnostic Systems -- 1 Introduction -- 2 Background and Related Work -- 2.1 Need for AI Explainability Metrics -- 2.2 Trust Mechanism -- 3 AI Trustworthy Explainability Acceptance Metric -- 4 Evaluating AI System for DCIS Recurrence Prediction -- 4.1 Background -- 4.2 Data -- 4.3 Experiments and Results -- 5 Conclusions -- References -- Entity Relation Extraction Based on Multi-attention Mechanism and BiGRU Network -- Abstract -- 1 Introduction -- 2 Related Work -- 3 Model Structure -- 3.1 Embedding Layer -- 3.2 BiGRU Neural Network -- 3.3 Multi-attention Strategy -- 4 Experiment and Analysis -- 4.1 Dataset -- 4.2 Settings -- 4.3 Baseline -- 4.4 Results -- 5 Conclusion -- Acknowledgments -- References -- Time Series Prediction of Wind Speed Based on SARIMA and LSTM -- Abstract -- 1 Introduction -- 2 Related Work -- 3 Establishment of Combined Prediction Model Based on SARIMA-LSTM -- 3.1 Seasonal Auto Regressive Integrated Moving Average -- 3.2 Long Short-Term Memory -- 3.2.1 Recurrent Neural Network -- 3.2.2 LSTM -- 3.3 Modeling Process -- 4 Experiment and Analysis -- 4.1 Data Source and Preprocessing.
4.2 SARIMA Model Construction and Testing -- 4.3 SARIMA-LSTM Model Wind Speed Prediction -- 4.4 Error Analysis -- 5 Conclusion -- Acknowledgments -- References -- Dimensionality Reduction on Metagenomic Data with Recursive Feature Elimination -- 1 Introduction -- 2 Related Research -- 3 Methodology -- 3.1 Implementing Process for Study -- 3.2 Using Recursive Feature Elimination for Feature Selection -- 3.3 Using Random Forest Algorithm -- 3.4 Using Feature Selection Randomly for Comparison -- 3.5 Using K-Fold Cross-Validation for Separating Training and Testing Data -- 3.6 Using Scoring Metrics to Evaluate Predicting Results -- 4 Experiments -- 4.1 Dataset -- 4.2 Using RFE with Random Forest Algorithm to Select Features and Train Model -- 4.3 Predicting Results and Comparison with Randomly Selected Features -- 5 Conclusion -- References -- The Application of Improved Grasshopper Optimization Algorithm to Flight

Delay Prediction-Based on Spark -- Abstract -- 1 Introduction -- 2 Grasshopper Optimization Algorithm -- 2.1 The Adaptive Descent of S-shaped Curve -- 2.2 Sigmoid Curve Descent Based on Logistic Mapping -- 3 SPGOA-RF Algorithm -- 3.1 Distributed Grasshopper Optimization Algorithm -- 3.2 Optimization of Random Forest Parameter Based on SPGOA -- 4 Simulation Experiment and Analysis -- 4.1 Analysis of the Effectiveness of Improved GOA -- 4.2 Sample Data Set Construction -- 4.3 Flight Delay Detection Analysis -- 4.4 Analysis of Distributed Algorithm Effect -- 5 Conclusion -- Acknowledgments -- References -- Application of Distributed Seagull Optimization Improved Algorithm in Sentiment Tendency Prediction -- Abstract -- 1 Introduction -- 2 Relevant Knowledge -- 3 Improving SOA -- 3.1 Population Uniform Distribution Strategy -- 3.2 Cauchy Mutation -- 3.3 CC-SOA Based on Spark -- 4 Analysis of Experimental Results -- 4.1 Experimental Environment.
4.2 Experimental Analysis -- 5 Conclusion -- Acknowledgments -- References -- Performance Evaluation of WMNs by WMN-PSOSA-DGA Hybrid Simulation System Considering Stadium Distribution of Mesh Clients and Different Number of Mesh Routers -- 1 Introduction -- 2 Proposed and Implemented Simulation System -- 2.1 Velocities and Positions of Particles -- 2.2 Routers Replacement Methods -- 2.3 DGA Operations -- 2.4 Fitness and Migration Functions -- 2.5 Particle-Pattern and Gene Coding -- 3 Simulation Results -- 4 Conclusions -- References -- A New Scheme for Slice Overloading Cost in 5G Wireless Networks Considering Fuzzy Logic -- 1 Introduction -- 2 Software-Defined Networks (SDNs) -- 3 Outline of Fuzzy Logic -- 3.1 Linguistic Variables -- 3.2 Fuzzy Control Rules -- 3.3 Defuzzificaion Method -- 4 Proposed Fuzzy-Based System -- 5 Simulation Results -- 6 Conclusions and Future Work -- References -- COVID-Prevention-Based Parking with Risk Factor Computation -- 1 Introduction -- 2 Related Work -- 3 Anti-COVID-Standards-Based Parking -- 3.1 First Phase: Information Loading -- 3.2 Second Phase: Parking Classification -- 3.3 Third Phase: Risk Factor Computation -- 4 Example -- 5 Conclusions -- References -- Coarse Traffic Classification for High-Bandwidth Connections in a Computer Network Using Deep Learning Techniques -- Abstract -- 1 Introduction -- 2 The Proposed Approach -- 2.1 Research Stand -- 2.2 Acquiring Data -- 2.3 Adjusting the Data -- 2.4 Adjusting the Data -- 2.5 Predictive Model -- 2.6 Interpretation of the Results Obtained -- 3 Examples of Application -- 4 Conclusion -- Acknowledgments -- References -- A Privacy Preserving Hybrid Blockchain Based Announcement Scheme for Vehicular Energy Network -- 1 Introduction -- 2 Related Work -- 2.1 Authentication -- 2.2 Trust Management -- 2.3 Privacy -- 2.4 Efficiency -- 3 Problem Statement.
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Related Work -- 3 System Architecture -- 4 Search Log-Based Model -- 5 Search Log and Knowledge Graph-Based Model -- 6 Evaluation -- 7 Conclusion -- References -- Zero Trust Security in the Mist Architecture -- Abstract -- 1 Introduction -- 2 Related Works -- 2.1 Mist Architecture -- 2.2 Zero Trust Network -- 3 Mist Architecture for ZTN -- 3.1 System Overview -- 3.2 IAM -- 3.3 IAP and IAP Connector -- 3.4 SIEM -- 3.5 MDM -- 3.6 Others -- 4 Evaluations -- 5 Conclusions -- Acknowledgments -- References -- Blockchain Based Authentication for End-Nodes and Efficient Cluster Head Selection in Wireless Sensor Networks -- 1 Introduction -- 2 Related Work -- 2.1 Registration and Authentication of Nodes -- 2.2 Storage Issues in Network Nodes -- 2.3 Data Privacy of Nodes -- 2.4 Excessive Energy Consumption -- 2.5 Malicious Nodes Detection and Removal from Networks.
2.6 Single Point of Failure Issue Due to Centralized Authority.

Sommario/riassunto

This book includes the proceedings of the 15th International Conference on Complex, Intelligent, and Software Intensive Systems, which took place in Asan, Korea, on July 1–3, 2021. Software intensive systems are systems, which heavily interact with other systems, sensors, actuators, devices, and other software systems and users. More and more domains are involved with software intensive systems, e.g., automotive, telecommunication systems, embedded systems in general, industrial automation systems, and business applications. Moreover, the outcome of web services delivers a new platform for enabling software intensive systems. Complex systems research is focused on the overall understanding of systems rather than its components. Complex systems are very much characterized by the changing environments in which they act by their multiple internal and external interactions. They evolve and adapt through internal and external dynamic interactions. The development of intelligent systems and agents, which is each time more characterized by the use of ontologies and their logical foundations build a fruitful impulse for both software intensive systems and complex systems. Recent research in the field of intelligent systems, robotics, neuroscience, artificial intelligence, and cognitive sciences is very important factor for the future development and innovation of software intensive and complex systems. The aim of the book is to deliver a platform of scientific interaction between the three interwoven challenging areas of research and development of future ICT-enabled applications: Software intensive systems, complex systems, and intelligent systems.