1. Record Nr. UNISA996466258903316

Titolo	Network Economics for Next Generation Networks [[electronic resource]] : 6th International Workshop on Internet Charging and QoS Technologies, ICQT 2009, Aachen, Germany, May 11-15, 2009, Proceedings / / edited by Peter Reichl, Burkhard Stiller, Bruno Tuffin
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-01796-7
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (IX, 109 p.)
Collana	Computer Communication Networks and Telecommunications ; ; 5539
Classificazione	DAT 614f SS 4800 WIR 917f
Disciplina	004
Soggetti	Computer programming Electrical engineering Computer communication systems Application software Information storage and retrieval Programming Techniques Communications Engineering, Networks Computer Communication Networks Information Systems Applications (incl. Internet) Information Storage and Retrieval Computer Appl. in Administrative Data Processing Aachen (2009) Kongress.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The present volume ... includes those papers presented at ICQT 2009 "collocated this year with the IFIP Networking 2009 conference" taking place on May 15, 2009, in Aachen, Germany and hosted by the Rheinisch-Westf©Þlische Technische Hochschule (RWTH Aachen)."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote -- QoS Is Still an Issue, Congestion Pricing Is not the Solution -- Session 1: Competition Models -- Optimization of Transmission

Power in Competitive Wireless Networks -- On Competition for Market Share in a Dynamic ISP Market with Customer Loyalty: A Game-Theoretic Analysis -- A Pricing Model for a Mobile Network Operator Sharing Limited Resource with a Mobile Virtual Network Operator -- Session 2: Pricing Mechanisms -- Design and Evaluation of a Combinatorial Double Auction for Resource Allocations in Grids -- A User-Influenced Pricing Mechanism for Internet Access -- Price Setting in Two-Sided Markets for Internet Connectivity -- Session 3: Economics of Inter-domain Traffic -- Online Charging for IMS-Based Inter-domain Composite Services -- A New Bilateral Arrangement between Interconnected Providers -- Improvement of BitTorrent Performance and Inter-domain Traffic by Inserting ISP-Owned Peers.

Sommario/riassunto

This book constitutes the refereed proceedings of the 6th International Workshop on Internet Charging and QoS Technologies, ICQT 2009, held in Aachen, Germany, in May 2009 collocated with the IFIP Networking 2009 conference. The 9 revised full papers presented together with the extended abstract of a keynote paper were carefully reviewed and selected from a total of 26 submissions. The papers are organized in topical sections on competition models, pricing mechanisms, and economics of inter-domain traffic. Bringing together researchers from the area of technology and economy in both industry and academia to discuss key improvements and to support further progress in these fields, ICQT 2009 features combination of micro-economic models, auctions, game theoretic approaches, peer-to-peer, and IMS-based charging.

2.

Record Nr.	UNISA996395041503316
Autore	Rodriguez Alfonso <1538-1616>
Titolo	[Two treatises [[electronic resource]] : Of mentall prayer, ...]
Pubbl/distr/stampa	[Saint-Omer, : English College Press, 1627]
Descrizione fisica	[14], 303, [1] p
Altri autori (Persone)	MatthewTobie, Sir, <1577-1655.>
Soggetti	Prayer Christian life - Catholic authors
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Author, title, and imprint from STC. A translation, by Sir Tobie Matthews, of selections of: Rodriguez, Alfonso. Ejercicio de perfeccion y virtudes cristianas. First translated in 1627 with title: A treatise of mentall prayer. With another of the presence of God. "A treatise on the presence of God" has caption title. Title page lacking (author and title from STC); Some print show-through, and some leaves marked, stained and tightly bound. Reproduction of the original in the British Library.
Sommario/riassunto	eebo-0018

3.	Record Nr.	UNINA9910754096403321
	Autore	Dao Nhu-Ngoc
	Titolo	Intelligence of Things : The Second International Conference on Intelligence of Things (ICIT 2023), Ho Chi Minh City, Vietnam, October 25-27, 2023, Proceedings, Volume 1
	Pubbl/distr/stampa	Cham : , : Springer, , 2023 ©2023
	ISBN	9783031465734 3031465733
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (452 pages)
	Collana	Lecture Notes on Data Engineering and Communications Technologies Series ; ; v.187
	Altri autori (Persone)	ThinhTran Ngoc NguyenNgoc Thanh
	Soggetti	Artificial intelligence Internet of things
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Intro -- Preface -- Organization -- Contents -- State-of-the-Art and Theoretical Analyses -- FPGA/AI-Powered Data Security for IoT Edge Computing Platforms: A Survey and Open Issues -- 1 Introduction -- 1.1 Related Work -- 1.2 Contributions -- 1.3 Outline -- 2 Preliminary -- 2.1 IoT Layers and Threats -- 2.2 IoT Security vs. Traditional Security -- 3 FPGA-Based Security for Edge Devices -- 4 AI-Based Security for Edge Devices -- 4.1 Processor-Based AI Approaches -- 4.2 FPGA-Based AI Approaches -- 5 FPGA/AI-Powered Security for Edge Devices: Open Issues -- 6 Conclusion -- References -- A Review in Deep Learning-Based Thyroid Cancer Detection Techniques Using Ultrasound Images -- 1 Introduction -- 2 Deep Learning-Based Thyroid Cancer Detection Using Ultrasound Image -- 2.1 Convolutional Neural Networks - CascadeMaskR-CNN -- 2.2 VGG16, VGG19, and Inception v3 -- 2.3 ThyNet -- 2.4 Generative Adversarial Networks (GANs) -- 3 Discussion -- 4 Conclusion -- References -- Bio-Inspired Clustering: An Ensemble Method for User-Based Collaborative Filtering -- 1 Introduction -- 2 Related Work -- 3 Bio-Inspired Clustering Model for User-Based Collaborative Filtering (BICCF) -- 4 Experiments and

Results -- 4.1 Setting -- 4.2 Evaluation -- 5 Conclusions -- References -- Deep Reinforcement Learning-Based Sum-Rate Maximization for Uplink Multi-user SIMO-RSMA Systems -- 1 Introduction -- 2 DRL-Based Sum-Rate Maximization for Uplink Multi-user SIMO-RSMA Framework -- 2.1 System Model and Problem Formulation -- 2.2 Proposed Deep Reinforcement Learning Framework -- 3 Evaluation -- 4 Conclusion -- References -- Multiobjective Logistics Optimization for Automated ATM Cash Replenishment Process -- 1 Introduction -- 2 Research Problem -- 3 Mathematical Model -- 3.1 Problem Statement -- 3.2 Constraints -- 3.3 Mathematical Model -- 4 Methodology -- 5 Testing and Evaluation.
6 Conclusion -- References -- Adaptive Conflict-Averse Multi-gradient Descent for Multi-objective Learning -- 1 Introduction -- 2 Conflict-Averse Methods for MOL -- 2.1 Multi-objective Learning Problems -- 2.2 Conflicting Gradients -- 2.3 Convergence and Learning Rate Issues -- 2.4 AdaCAGrad: Adaptive Conflict-Averse Multi-gradient Descent -- 3 Experiments -- 3.1 Toy Optimization Example -- 3.2 Image Classification -- 4 Conclusion -- References -- Multicriteria Portfolio Selection with Intuitionistic Fuzzy Goals as a Pseudoconvex Vector Optimization -- 1 Introduction -- 2 Multicriteria Portfolio Selection Problem -- 3 Multicriteria Portfolio Selection with Intuitionistic Fuzzy Goals -- 3.1 Intuitionistic Fuzzy Goals -- 3.2 Transformation to Deterministic Model -- 4 Computational Experiment -- 5 Conclusion -- References -- Research and Develop Solutions to Traffic Data Collection Based on Voice Techniques -- 1 Introduction -- 2 Related Work -- 3 Definition of Problem and End-to-End ASR System -- 3.1 Data Collection -- 3.2 Data Preprocessing -- 3.3 Language Modeling -- 3.4 Training End-to-End ASR -- 3.5 Decoding and Transcription -- 4 Experiment -- 4.1 Experimental Setup -- 4.2 Experimental Result -- 4.3 Analysis and Discussion -- 5 Conclusion -- References -- Using Machine Learning Algorithms to Diagnosis Melasma from Face Images -- 1 Introduction -- 2 Diagnostic Data for Melasma -- 3 Machine Learning Algorithm -- 3.1 About YOLO V8 -- 3.2 Anchor-Free Detection -- 3.3 Model for Diagnosing Melasma -- 3.4 Results of Model Evaluation -- 4 Conclusions -- References -- Reinforcement Learning for Portfolio Selection in the Vietnamese Market -- 1 Introduction -- 2 Overview -- 2.1 State-of-the-Art Reinforcement Learning -- 2.2 Related Work -- 3 Method -- 3.1 Modeling the Stock Trading Problem -- 3.2 Environment for Vietnamese Market -- 3.3 Noise Filter.
4 Experimental Evaluation -- 4.1 Data Pre-processing -- 4.2 Experimental Setup -- 4.3 Experimental Results -- 5 Conclusion -- References -- AIoT Technologies -- A Systematic CL-MLP Approach for Online Forecasting of Multiple Key Performance Indicators -- 1 Introduction -- 2 Preliminaries -- 3 Related Works -- 3.1 Time Series Forecasting Models -- 3.2 Online Learning -- 4 CL-MLP -- 4.1 Our Workflow -- 4.2 Model Construction -- 4.3 Online Learning -- 5 Experiment Results -- 5.1 Dataset -- 5.2 Our Results -- 6 Conclusion -- References -- Neutrosophic Fuzzy Data Science and Addressing Research Gaps in Geographic Data and Information Systems -- 1 Introduction -- 2 Neutrosophic Fuzzy Data Sciences -- 3 Neutrosophic Fuzzy GIS- Map -- 4 Neutrosophic Crisp Open in GIS Topology -- 5 Conclusion and Future Work -- References -- Inhibitory Control during Visual Perspective Taking Revealed by Multivariate Analysis of Event-Related Potentials -- 1 Introduction -- 2 Method -- 2.1 Participants -- 2.2 Stimulus -- 2.3 Procedure -- 2.4 Analysis -- 3 Results -- 3.1 Go vs No/Go Condition in the Self and Other Conditions Combined -- 3.2 Go vs No/Go Condition in the Self and Other

Perspective Condition -- 4 Discussion -- References -- A Novel Custom Deep Learning Network Combining 1D-Convolution and LSTM for Rapid Wine Quality Detection in Small and Average-Scale Applications -- 1 Introduction -- 2 Material and Methodology -- 2.1 Data Description -- 2.2 Sampling Procedure -- 2.3 Computation Algorithm -- 3 Computation Algorithm -- 4 Validation Strategy -- 5 Result and Discussion -- 6 Conclusion -- References -- IoT-Enabled Wearable Smart Glass for Monitoring Intraoperative Anesthesia Patients -- 1 Introduction -- 1.1 Surgical Patient Monitoring System -- 1.2 Literature Review -- 2 Experimental Setup and Procedure -- 3 Results and Discussions -- 4 Conclusion -- References.
Traffic Density Estimation at Intersections via Image-Based Object Reference Method -- 1 Introduction -- 2 Related Work -- 3 Problem Definition and Proposed Solutions -- 3.1 Problem Definition -- 3.2 Proposed Solutions -- 4 Experiment Setup and Result -- 4.1 Overall System Architecture -- 4.2 Automatic Access -- 4.3 Data Setup -- 4.4 Error Rate Calculation -- 4.5 Result and Evaluation -- 5 Conclusion and Future Work -- References -- Improving Automatic Speech Recognition via Joint Training with Speech Enhancement as Multi-task Learning -- 1 Introduction -- 2 Related Work -- 3 ASR-SE: A MTL Approach -- 4 Experiments and Results -- 5 Conclusion -- References -- Solving Feature Selection Problem by Quantum Optimization Algorithm -- 1 Introduction -- 2 Feature Selection Model -- 3 Solving Feature Selection Problems by CVaR-QAOA -- 3.1 Quantum Approximate Optimization Algorithm -- 3.2 CVaR Optimization for QAOA -- 3.3 Apply CVaR-QAOA to Feature Selection Problem -- 4 Numerical Simulation -- 5 Conclusion and Feature Work -- References -- A Methodology of Extraction DC Model for a 65 nm Floating-Gate Transistor -- 1 Introduction -- 2 Floating-Gate Transistor Concepts -- 2.1 Device Structure -- 2.2 DC Operation -- 3 Methodology in Model Extraction -- 4 Result -- 4.1 Drain Current Versus Control Gate Voltage at Initial Condition -- 4.2 Drain Current Versus Control Gate Voltage When VSB Varies -- 4.3 Drain Current Versus Control Gate Voltage When VD Varies -- 4.4 Drain Current Versus Drain Voltage When VCG Varies -- 5 Conclusion -- References -- imMeta: An Incremental Sub-graph Merging for Feature Extraction in Metagenomic Binning -- 1 Introduction -- 2 Methods -- 2.1 Fundamentals and Notations -- 2.2 Algorithms -- 3 Experimental Results -- 3.1 Dataset -- 3.2 Performance Metrics -- 3.3 Results -- 3.4 Parameter Evaluation -- 4 Conclusion -- References.
Virtual Sensor to Impute Missing Data Using Data Correlation and GAN-Based Model -- 1 Introduction -- 2 Related Work -- 3 Problem Description -- 4 Virtual Sensor Components -- 4.1 Generator -- 4.2 Discriminator -- 4.3 Data Correlation Arrangement -- 4.4 Hint -- 4.5 Objective -- 5 Algorithm -- 6 Experiments -- 6.1 Performance of the Proposed Virtual Sensor -- 6.2 Virtual Sensor Prediction Accuracy -- 7 Conclusions and Future Work -- References -- An Edge AI-Based Vehicle Tracking Solution for Smart Parking Systems -- 1 Introduction -- 2 Related Work -- 3 Proposed Method -- 4 Experimental Results -- 4.1 Training Phase -- 4.2 Evaluation -- 5 Conclusion -- References -- Low-Light Image Enhancement Using Quaternion CNN -- 1 Introduction -- 2 Background -- 2.1 Quaternion Algebra -- 2.2 Quaternion Convolutional Neural Network -- 2.3 CNN Approaches for Image Enhancements -- 3 Proposed Quaternion Attention Unet -- 3.1 Quaternion ResUnet -- 3.2 Quaternion Attention Module -- 3.3 The proposed Quaternion Attention Unet model -- 4 Experimental Results -- 4.1 Datasets -- 4.2 Training of Quaternion CNN -- 4.3 Performance Evaluations -- 5 Conclusion and Future Work -- References --

Leverage Deep Learning Methods for Vehicle Trajectory Prediction in Chaotic Traffic -- 1 Introduction -- 1.1 Vehicle Trajectory Prediction -- 1.2 The Challenges in Vietnamese Traffic -- 2 Related Work -- 3 Methods -- 3.1 Vehicle Detection -- 3.2 Vehicle Tracking -- 3.3 Vehicle Trajectory Prediction -- 4 Experiment -- 4.1 Experimental Setup and Implementation -- 4.2 Metrics -- 4.3 Experimental Result -- 5 Conclusion -- References -- AIoT System Architectures -- Wireless Sensor Network to Collect and Forecast Environment Parameters Using LSTM -- 1 Introduction -- 2 Related Work -- 3 Proposing System -- 3.1 System Overview -- 3.2 System Details -- 4 Simulation and Result -- 4.1 Product.
4.2 Training Result.

Sommario/riassunto

This book contains the proceedings from the Second International Conference on Intelligence of Things (ICIT 2023) held in Ho Chi Minh City, Vietnam. It explores the integration of artificial intelligence (AI) with the Internet of Things (IoT) to form the AIoT, a technology aimed at enhancing IoT operations through intelligent adaptations. The volume consists of selected papers presenting cutting-edge research and applications in AIoT, emphasizing the advancements in data engineering and technologies. The book is intended for scholars, researchers, and professionals interested in the latest developments in AIoT and data technologies.