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Soggetti	Computer networks Software engineering Application software Computer Communication Networks Software Engineering Computer and Information Systems Applications
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Nota di contenuto	Intelligent IoT Communication Solutions -- Stochastic Security Ephemeral Generation Protocol for 5G Enabled Internet of Things -- An Enhancement to Channel Access Mechanism for the IEEE 802.15.3C MillimeterWave (5G) Standard to Support Stringent QoS Requirements of IoT -- Channel Estimation for Millimeter Wave MIMO System: A Sequential Analysis Approach -- A comprehensive study on the energy efficiency of IoT from four angles: clustering and routing in WSNs, smart grid, fog computing and MQTT & CoAP application protocols -- Social Internet of Things: Security, Management and Trends 5 Challenges and Issues of the Internet of Things: Factoring Elements from the Social, Political and Information Systems -- Security Requirements in IoT Environments -- Reinforcement Learning based Intelligent Management of Smart Community Grids -- Energy inefficacy in IoT networks: causes, solutions and enabling techniques -- liCE: a proposed system based on IoTaaS to study administrative efficiency in primary schools -- Heterogeneous Institutional Shareholding, Internal

Control and Social Responsibility of Corporations-Based on evidence from Chinese listed companies -- Negotiation and Renegotiation in Cloud SLA Management: Issue and Challenges -- Machine Learning Predictions and Recommendations in IoT -- Deep Learning Analysis of Australian Stock Market Price Prediction for Intelligent Service Oriented Architecture -- Machine Learning and Deep Learning for Predicting Indoor and Outdoor IoT Temperature Monitoring Systems -- Introducing the BrewAI AutoML Tool -- A Novel Dual Prediction Scheme for Communication Reduction in IoT-based Monitoring Systems -- Review-Based Recommender System for Hedonic and Utilitarian Products in IoT Framework -- IoT-based Data driven prediction of Offshore Wind power in a Short-Term interval span.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 7th International Conference on IoT as a Service, IoTaaS 2021, which took place in Sydney, Australia, in December 2021. Due to COVID-19 pandemic the conference was held virtually. The 17 revised full papers were carefully reviewed and selected from 129 submissions. The papers are divided in content-related tracks: Intelligent IoT communication solutions; Social Internet of Things: security, management; Machine learning prediction and recommendation in IoT.
