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Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1706
Disciplina	737
Soggetti	City planning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Computational intelligence and urban informatics for smart cities -- Synthetic Dataset of Electroluminescence images of Photovoltaic cells by Deep Convolutional Generative Adversarial Networks -- Walking Accessibility to the Public Transport Network in Montevideo, Uruguay -- Artificial intelligence for automatic building extraction from urban aerial images -- Distribution of Police Patrols as a Covering Problem in Smart Cities: Fuengirola Use Case -- Super resolution generative adversarial network for velocity fields in Large Eddy Simulations -- Deep Neural Networks for Global Horizontal Irradiation Forecasting: A comparative study -- Internet of things -- IoT platform for monitoring nutritional and weather conditions of avocado production -- IoT system for thermography analysis of photovoltaic installations -- A new approach to automate the connectivity of electronic devices with an IoT Platform -- Optimization, smart production, and smart public services -- Lean Office approach for muda identification in the admission process of university students -- Smart mobility for public transportation systems: Improved bus timetabling for synchronizing transfers -- Classification of Polyethylene Terephthalate bottles in a recycling plant -- Synthesized data generation for public transportation systems -- Analysis of public transportation in Montevideo, Uruguay

during the COVID-19 pandemic -- Big Data trends in the analysis of city resources -- Smart monitoring and communications -- Detecting air conditioning usage in households using unsupervised machine learning on smart meter data -- SNS-Based Secret Sharing Scheme for Security of Smart City Communication Systems -- Application of LPWAN technologies based on LoRa in the monitoring of water sources of the Andean wetlands -- Deep Neural Networks for Global Horizontal Irradiation Forecasting: A comparative study.

Sommario/riassunto

This book constitutes the refereed proceedings of the 5th Ibero-American Congress on Smart Cities, ICSC-Cities 2022, held in Cuenca, Ecuador during November 28–30, 2022. The 17 full papers included in this book were carefully reviewed and selected from 116 submissions. They were organized in topical sections as follows: computational intelligence and urban informatics for smart cities, Internet of things, optimization, smart production, and smart public services and smart monitoring and communications.
