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Autore	Lopes Sérgio Ivan
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Training: Stock Direction Forecasting Utilizing Technical, Fundamental, and News Sentiment Data -- IoT Architectures for Indoor Radon Management: a Prospective Analysis -- Adversarial Training for Better Robustness -- Artificial Intelligence and Machine Learning for smart governance: Integrating Computer Vision and Crowd Sourcing to Infer Drug Use on Streets: A Case Study with 311 Data in San Francisco -- Machine learning approach to crisis management exercise analysis: A case study in SURE project -- Quantitative Evaluation of Saudi E-government Websites Using a Web Structure Mining Methodology -- Extracting Digital Biomarkers for Unobtrusive Stress State Screening from Multimodal Wearable Data -- Smart Transportation: Continuous Measurement of Air Pollutant Concentrations in a Roadway Tunnel in Southern Italy -- Rating Urban Transport Services Quality Using a Sentiment Analysis Approach.

Sommario/riassunto

This book constitutes the jointly proceedings of the 3rd International Conference on Intelligent Edge Processing in the IoT Era, Edge-IoT 2022, and the 4th International Conference on Smart Governance for Sustainable Smart Cities, SmartGov 2022. Both conferences were held online due to COVID-19 pandemic in November 2022, held as virtual events, in November 16-18, 2022. The 12 full papers were selected from 31 submissions. SmartGov 2022 was to promote the development of secure and sustainable smart cities with smart governance, while the theme of Edge-IoT 2022 was to address the decentralization of contemporary processing paradigms, notably Edge processing, focusing on the increasing demand for intelligent processing at the edge of the network, which is paving the way to the Intelligent IoT Era". Both the EAI SmartGov 2022 and EAI Edge-IoT 2022 conferences were co-located with EAI SmartCity360 international convention. The papers are organized in the following topical sections: Edge-IoT Applications; IoT Architectures, Forecasting and Adversarial Training; Artificial Intelligence and Machine Learning for smart governance; and Smart Transportation.