1. Record Nr.   UNINA9910637709103321

   Titolo   Smart Applications and Data Analysis : 4th International Conference, SADASC 2022, Marrakesh, Morocco, September 22–24, 2022, Proceedings / / edited by Mohamed Hamlich, Ladjel Bellatreche, Ali Siadat, Sebastian Ventura

   Pubbl/distr/stampa Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022

   ISBN   3-031-20490-5

   Edizione   [1st ed. 2022.]

   Descrizione fisica 1 online resource (461 pages)

   Collana   Communications in Computer and Information Science, , 1865-0937 ; ; 1677

   Disciplina   929.605
                      006.3

   Soggetti   Computer networks
                      Application software
                      Artificial intelligence
                      Computers
                      Computer Communication Networks
                      Computer and Information Systems Applications
                      Artificial Intelligence
                      Computing Milieux

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Nota di bibliografia Includes bibliographical references and index.

   Nota di contenuto AI-Driven Methods 1 -- Detection of COVID-19 in X-Ray Images Using Constrained Multi-view Spectral Clustering -- Automatic SPECT Image Processing For Parkinson's Disease Early Detection -- Graph Convolution Networks For Unsupervised Learning -- Collaborative kernel discriminant analysis for large-scale multi class problems -- Spectral clustering based on a graph model for airspace sectorization -- Networking technologies & IoT -- Solar charging station for electric vehicles with IoT solution for monitoring energy production -- Low-cost smart irrigation system based on Internet of Things and fuzzy logic -- AI-Driven Methods 2 -- autoTimeSVD++: A temporal Hybrid Recommender System based on Contractive Autoencoder and Matrix

Factorization -- Toward a Holistic Public Procurement 4.0. Case study: Moroccan Public Procurement -- Classiers-Based Personality Disorders Detection -- Green Energy, Computing and Technologies 1 -- Investigationof Dierent Speed Controllers to Improve the Performance of Vector-Controlled Synchronous Reluctance Motor -- Performing Energy-Ecient Motions for Wheeled Mobile Robots by Designing an Orientation Controller -- Study of path optimization of an electric vehicle: Morocco -- AI-Driven Methods 3 -- Scalable meta-bayesian based hyperparameters optimization for machine learning -- A Novel Graded Multi-label Approach to Music Emotion Recognition -- Data-driven solutions for electricity price forecasting: The case of EU Improvement Project -- Determination of the probability of factors occurrence impacting warehouse planning by Bayesian networks -- Green Energy, Computing and Technologies 2 -- Smart Grid Production Cost Optimization by Bellman Algorithm -- Sliding Mode Control of Six-Switch Five-Level Active Neutral Point Clamped (6S-5L-ANPC) For PV Application -- Statistical analysis of PV-Wind-Battery hybrid system energy eciency for green buildings power supply -- Energy Management in a Connected DC Microgrid Using Fuzzy Controller -- Case studies and Cyber-Physical Systems 1 -- Approach for optimization warehouse storage areas based on the Container Storage Problem -- Roadmap to implement Industry 5.0 and the impact of this approach on TQM -- Articial intelligence based plastic injection process for initial parameters setting and process monitoring-Review -- The benets of combining digitalization with Quality Tools : application in the eld of wiring systems manufacturing for automotive industry -- Case studies and Cyber-Physical Systems 2 -- Digital transformation of the otation monitoring; Towards an online analyzer -- Air Quality Remote Monitoring Module – I4.0 Application in Smart Poultry -- Smart greasing system in mining facilities: Proactive and Predictive Maintenance case study -- Risk management based on hybridized TOPSIS method using genetic algorithm -- Case studies and Cyber-Physical Systems 3 -- Blockchain Application Methodology for condence Improvement in Collaborative Supply Chain -- MaroBERTa : Multilabel classication language model for Darija Newspaper -- MBSE Grid : Operational Analysis for the Implementation of Hydroelectric Group Health Monitoring and Management Uni -- Digital Twins-based Smart Monitoring and Optimisation of Mineral Processing Industry -- Optimization of collaborative transport and distribution strategies: trends and research opportunities -- Comparative Analysis of Three-phase Photovoltaic Inverters Control Techniques.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 4th International Conference on Smart Applications and Data Analysis, SADASC 2022, held in Marrakesh, Morocco, during September 22–24, 2022. The 24 full papers and 11 short papers included in this book were carefully reviewed and selected from 64 submissions. They were organized in topical sections as follows: AI-Driven Methods 1; Networking technologies & IoT; AI-Driven Methods 2; Green Energy, Computing and Technologies 1; AI-Driven Methods 3; Green Energy, Computing and Technologies 2; Case studies and Cyber-Physical Systems 1; Case studies and Cyber-Physical Systems 2; and Case studies and Cyber-Physical Systems 3. . |