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Altri autori (Persone)	MolamohamadiZohreh ErdebiliBabek Babaei TirkolaeeEfran WeberGerhard-Wilhelm
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Soggetti	Artificial intelligence Application software Computer networks Computer systems Artificial Intelligence Computer and Information Systems Applications Computer Communication Networks Computer System Implementation
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Nota di contenuto	-- IoT, Blockchain, and Cyber Security in Complex Systems. -- A Conceptual Framework for the Development of Data Acquisition and Integration System for the Dairy Industry. -- Mathematical Modeling for Exploring the Spread of Cyberattacks through IoT Devices. -- Review of Intrusion Detection Systems for Supervisor Control and Data Acquisition: A Machine Learning Approach. -- The Impact of Internet of Things, Blockchain, and Artificial Intelligence on Occupational Health

and Safety. -- Real-Time Data Analysis and Simulation in Engineering Systems. -- Development of UAVs on Pixhawk family controllers with radio interference protection system. -- Enhancement Optical Fiber Data Rate by Using 8 port Dense Wide Division Multiplexing OF 256-Quadrature Amplitude Modulation (QAM) and Orthogonal Frequency Division Multiplexing (OFDM) Dual Polarization Technique. -- Uncertainty Quantification Code Written in MATLAB. -- An Artificial Intelligence-Enhanced UAV Configuration for Object Detection, Instant Communication, and Real-Time Information Transmission. -- Digitalization and Artificial Intelligence in Manufacturing/ Service Industries. -- Energy Consumption Forecasting using Time Series Analysis Methods. -- An Investigation on the Possibility of Retrofitting 3D Printers from Local Scrap E-Waste in Nigeria. -- A Reinforcement Learning-Based Fault Tolerant Control Design Approach using the Double Q-Learning Algorithm. -- Machine Learning in Fault Diagnosis of Electromechanical Devices using Vibration Measurements. -- Detection of Shilling Attack with Support Vector Machines Using Oversampling. -- Contribution Classification Methods for Fake News using Machine Learning. -- Soft Computing and Artificial Intelligence in Engineering Management and Marketing. -- Omnichannel Strategy Adoption Issues in an eCommerce Company: A SAP LAP Analysis. -- Enhancing Repurchase Intentions of Online Music Platform Customers for the Middle East. -- Consumer Confidence on State Regulation of e-commerce in India. -- Cultivating Synergistic Global Leadership: Unifying Scientific Acumen for Effective Global Problem Solving. -- Synergizing Global Leadership Competencies with Artificial Intelligence and Expert Systems: A Multidisciplinary Approach for the Future of Management.

Sommario/riassunto

This two-volume set constitutes selected papers presented during the Second International Conference on Science, Engineering Management and Information Technology, SEMIT 2023, held in Ankara, Turkey, during September 14–15, 2023. The 44 full papers and 2 short papers presented were carefully reviewed and selected from 409 submissions. The papers cover the following topics: Part I - Decision Analysis and Expert Systems; Machine Learning, Data Analysis and Computer Vision in Healthcare and Medicine; Smart Production, Transportation and Supply Chain Systems; Information Technology and Data Science in Industry. Part II - IoT, Blockchain, and Cyber Security in Complex Systems; Real-Time Data Analysis and Simulation in Engineering Systems; Digitalization and Artificial Intelligence in Manufacturing/ Service Industries; Soft Computing and Artificial Intelligence in Engineering Management and Marketing.
