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Soggetti	Artificial intelligence
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Nota di contenuto	-- Theory and Methods. -- DL DTCD: Deep Learning Powered EV Location Prediction and Dynamic TOPSIS Charging Deployment. -- A Novel Approach of Electrocardiogram Denoising based on Deep Learning CNN and TVD. -- LSTM GRN: A Deep Learning Model for the Prediction of Gene Regulatory Networks from Single Cell Data. -- Sense@BoEmo: A Novel Approach to Identify Precise Emotion Sensing Skin of Human Body. -- Students' Performance Prediction in An E-Learning Platform With Sea Hawk Optimized Single Head Attention Enabled Bi Directional Long Short Term Memory. -- Traffic crash severity prediction using eXplainable AI. -- Exploring the Role of Data

Filtering and Machine Learning Algorithms in Enhancing RSSI-Based Indoor Positioning Accuracy in Dynamic Environments. -- Bio Medical Waste Management: Deep Learning Approach. -- Principles of Basal Area Modeling of Forest Trees and Stands: Bivariate Mixed Effect Parameters Diffusion Process Framework. -- High Resolution Mapping of Rock Glacier Dynamics in the Sikkim Himalayas, Using remote sensing data. -- An Efficient On demand Mobile Charger Scheduling in WRSNs Using MJaya Meta Heuristic Algorithm. -- Systems and Applications. -- Improving Intrusion Detection System using Feature Weighting. -- AI enabled Network Intrusion Detection and Classification with UNSW NB15 Datasets. -- Data Science Techniques to Reduce the Occurrence of False Negatives during Intrusion Detection. -- Process Mining and Standardized Generic Business Process Tracing for ERP Systems: Requirements for ERP vendors. -- Hand Gesture Identifying Wearable Input Device for OS-Platform Independent Generic HCI Application in a Multi modal Platform. -- GeMoP: General Motion Planning in High Speed & Accuracy and Fast Settle application. -- Rebounded PSO Method for Sigmoid PID Controller for a Maglev System with Input Saturation. -- A Linear Programming problem in Python and CPLEX, led by Monte Carlo on the Web. -- Machine Learning Based Performance Evaluation of Spatial Modulation Schemes in Correlated Nakagami m Fading Channels. -- Prediction of Life Expectancy for India using Time Series Models. -- Leveraging Machine Learning to Detect and Alleviate Natural Anxiety. -- Multiple Novel Algorithms Based on TF IDF and Inverse Document Frequency, Experimented with Text Data in the Education Field. -- Modified Alexnet For English Handwritten Character Recognition. -- PGP Miner: A Data and Text Mining Tool for PhysicoChemical and Toxicity Data in P glycoprotein (P gp) Inhibitors. -- InterpretableTruthDetection: Interpretable Bimodal Within Subject Truth and Deception Detection Models. -- Hybrid Techniques. -- A Novel Neurofuzzy Architecture for Deterministic Non affine Nonlinear System Identification. -- A Neuro Evolutionary Framework for Enhancing Communication, Safety, and Decision Making in Connected Car Ecosystems. -- Soft Computing for Smart World. -- Smart Scheduling of Home Appliances using Happiness Aware Scalable Reinforcement Learning Agent. -- Adoption Intention of Smartwatch Technology: A Study Among Runners Using the Health Belief and Technology Acceptance Models.

| Sommario/riassunto | The two-volume proceedings set CCIS 2430-2431 constitutes the revised selected papers of the 6th International Conference on Soft Computing and its Engineering Applications, icSoftComp 2024, held in Bangkok, Thailand, during December 10–12, 2024. The 58 full papers and 3 short papers included in this book were carefully reviewed and selected from 501 submissions. They were organized in topical sections as follows: Part I: Theory and Methods. Part II: Theory and Methods; Systems and Applications; Hybrid Techniques; Soft Computing for Smart World. |