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Radiated Noise Based on Joint Feature Extraction -- AI in Finance -- Forecasting the price of Bitcoin using an explainable CNN-LSTM model -- Augmenting Bankruptcy Prediction using Reported Behavior of Corporate Restructuring -- AI for Education -- A New Dataset and Method for Creativity Assessment Using the Alternate Uses Task -- AI for Materials Science and Engineering -- Convolutional Graph Neural Networks for Predicting Enthalpy of Formation in Intermetallic Compounds Using Continuous Filter Convolutional Layers Predicting Li Transport Activation Energy with Graph Convolutional Neural Network -- AI for Medicine -- KGCN-DDA: a knowledge graph based GCN method for drug-disease association prediction -- Machine Learning for time-to-event prediction and survival clustering: A review from statistics to deep neural networks -- Label-independent Information Compression for Skin Diseases Recognition -- AI for Civil Aviation -- 3D Approach Trajectory Optimization Based on Combined Intelligence Algorithms -- A-SMGCS: Innovation, Applications, and Future Prospects of Modern Aviation Ground Movement Management System -- AI for High Energy Physics -- An Intelligent Image Segmentation Annotation Method Based on Segment Anything Model -- ParticleNet for Jet Tagging in Particle Physics on FPGA -- Application of Graph Neural Networks in Dark Photon Search with Visible Decays at Future Beam Dump Experiment -- Neutrino Reconstruction in TRIDENT Based on Graph Neural Network -- Charged particle reconstruction for future high energy colliders with Quantum Approximate Optimization Algorithm -- AI for Law -- A Levy Scheme for User-Generated-Content Platforms and its Implication for Generative AI Providers -- Moving Beyond Text: Multi-modal Expansion of the Toulmin Model for Enhanced AI Legal Reasoning -- The Worldwide Contradiction Of The GAI Regulatory Theory Paradigm And China's Response: Focus On The Theories Of Normative Models And Regulatory Systems -- Intelligent Forecasting of Trademark Registration Appeal with TF-IDF and XGBoost -- Review of Big Data Evidence in Criminal Proceedings: Basis of Academic theory, Practical Pattern and Mode Selection.

| Sommario/riassunto | This book constitutes the proceedings of the Third BenchCouncil International Symposium on Intelligent Computers, Algorithms, and Applications, IC 2023, which took place in Sanya, China, in December 2023. The 18 full papers and 8 short papers included in this book were carefully reviewed and selected from 50 submissions. They were organized in topical sections as follows: AI Algorithms and Systems; AI for Ocean science and engineering; AI in finance; AI for education; AI for materials science and engineering; AI for medicine; AI for civil aviation; AI for high energy physics; AI for law. |