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Altri autori (Persone)	GusevMarjan IfteneAdrian IvanovicMirjana ManolopoulosYannis XinogalosStelios
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Soggetti	Application software Computers, Special purpose Computer engineering Computer networks Computer and Information Systems Applications Special Purpose and Application-Based Systems Computer Engineering and Networks
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Nota di contenuto	-- Data Mining and Machine Learning. -- Autoregressive Model for Energy Consumption Time Series. -- Enhancing Credit Card Fraud Detection Using Knowledge Graphs and Centralities. -- Unveiling the Potential of Explainable Artificial Intelligence in Predictive Modeling, Exploring Food Security and Nutrition in Madagascar. -- Software and Systems. -- Comparison of Methodological Approaches: CRISP-DM vs OSEMN Methodology using Linear Regression and Statistical Analysis. -- Processing Range-sum Queries within Triangular Shapes. -- Microservice-based Distributed Application for Unifying Social Networks. -- Languages and Text. -- Towards an Ontology for

Describing the Contextualization of Written Cultural Heritage in the Light of Semiotics. -- Affective Analysis of Literature Books – Detective Novels and Short Stories of Agatha Christie. -- Preventing Academic Dishonesty Originating from Large Language Models. -- Learning Issues. -- A Gamified Approach for Monitoring Student Attendance and Fostering Learner Engagement: AttendanceManager Platform. -- Personalize Online Learning based on IoT (Systematic Mapping Study). -- Student Perspectives on Generative AI Use for Learning Automation and Augmentation in Higher Education. -- Distributed Systems. -- Leveraging Fitness Functions to Assess Cloud Migration Readiness of Clean Architecture, -- Resource Management in Cloud IaaS via Machine Learning Algorithms. -- Blockchain-Based Decentralised Marketplace for Secure Trading of Intellectual Property. -- Medical and Health Issues. -- Optimizing Urban Health and Resilience: The Role of Intelligent Agents in Climate Action. -- MAS-PatientCare: Medical Diagnosis and Patient Management System Based on a Multi-agent Architecture. -- Microsoft Copilot, Google Gemini, OpenAI ChatGPT and Anthropic Claude: Assisting in Cardiology Diagnosing – A Case Study. -- Web Issues and Tools. -- Enhancing Web Accessibility through a Customizable Browser Extension for Users with Visual Impairments. -- Time Traveller – a RotSafeLinker Tool. -- ShareFactory – Efficient and Accessible Content-Sharing Platform. -- Security and Privacy. -- Steganalysis: A Study on Compression Attack, Methods and Transit Resilience. -- A Practical Guide for Application Security Baselines in the Software Development Process. .

Sommario/riassunto

This book constitutes the refereed proceedings of the 10th Balkan Conference in Informatics on Advances in ICT Research in the Balkans, BCI 2024, held in Craiova, Romania, during September 4-6, 2024. The 23 full papers included in this book were carefully reviewed and selected from 31 submissions. They were organized in topical sections as follows: Data Mining and Machine Learning; Software and Systems; Languages and Text; Learning Issues; Distributed Systems; Medical and Health Issues; Web Issues and Tools; Security and Privacy.
