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Altri autori (Persone)	VirdeeBal CorreiaSérgio Duarte ValicekJan
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Soggetti	Telecommunication Artificial intelligence Image processing - Digital techniques Computer vision Data protection Communications Engineering, Networks Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics Data and Information Security
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Nota di contenuto	Hardware-Based SCMA Codebook Implementation Using Chaotic Interleaver -- Design and Optimization of the Parallel Manipulation Robot utilizing Type-2 Fuzzy as a Self-Tuning Algorithm Based on MATLAB -- The influence of text representations on classification models across diverse datasets -- Exploring the Intersection of Engineering and Health Leveraging 3D Solutions to Tackle Complex Medical Challenges -- An Efficient Mental Healthcare Chatbot using Reprogramming Transformer Model based on a Fine-Tuned GPT-2 -- InfoNest: Privacy Optimized Information Retrieval Generation System using LLMs -- Multi-Port Router: Design and Verification for On-chip Applications -- Performance Analysis of Metaheuristic Particle Swarm Optimization-

based Enhanced LEACH Protocol -- A CPW-fed flexible wideband antenna based on modal analysis for Sub-6 GHz wearable technology -- Optimized Printed Antenna for Aerospace IoT Wireless Connectivity -- A Hybrid Evolutionary Deep Learning Model Integrating Multi-Modal Data for optimizing Ovarian Cancer Diagnosis -- A Convolutional Neural Network Approach to Istopathological Image Analysis for Enhancing Ovarian Cancer Diagnosis -- Intelligent System for Predicting Road Accident Severity: A GPS-Integrated, Data-Driven Approach -- Enhancing the Retrieval and Application of English Teaching Resources through Artificial Intelligence Technology as Computational Creativity in Writing Short Story -- Cutting-Edge Lung Cancer Detection with VGG-19.

Sommario/riassunto

This book includes selected papers presented at the International Conference on Data Processing and Networking (ICDPN 2024), organized by Institute of Technology and Business in eské Budjovice, Near Prague, Czech Republic, during 25–26 October 2024. It covers up-to-date cutting-edge research on big data processing and analytics, data mining and machine learning, artificial intelligence and deep learning, wireless, mobile, and ad hoc networks, network security and privacy, internet of things (IOT) and sensor networks, data communication, and computer vision and image processing.