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Nota di contenuto	Multilingual Speech Recognition: An In-depth Review of Applications, Challenges, and Future Directions -- Performance Evaluation of Job Shop Scheduling Problem using Proposed Hybrid of Black Hole and Firefly Algorithms -- Machine Learning and Healthcare: A Comprehensive Study -- Evolutionary Algorithms for Fibers Upgrade Sequence Problem on MB-EONs -- Exploring the Potential of Deep Learning Algorithms in Medical Image Processing: A Comprehensive Analysis -- Comparative Analysis of Image Enhancement Techniques: A Study on Combined and Individual Approaches -- Smishing: A SMS Phishing Detection Using Various Machine Learning Algorithms --

Convolution Neural Network (CNN) based Live Pig Weight estimation in Controlled Imaging Platform -- A Novel Image Encryption Technique based on DNA Theory and Chaotic Maps -- An Empirical Study on Comparison of Machine Learning Algorithms for Eye-State Classification using EEG data -- Decoding the UK's Stance on AI: A Deep Dive into Sentiment and Topics in Regulations -- Latest Trends on Satellite Image Segmentation -- Landmark detection using Convolutional Neural Network: A Review -- An Efficient Illumination Invariant Tiger Detection Framework for Wildlife Surveillance -- An Innovative Frequency -- Limited Interval Gramians-Based Model Order Reduction Method using Singular Value Decomposition.

Sommario/riassunto

This book gathers selected research papers presented at the Fifth International Conference on Communication and Intelligent Systems (ICCIS 2023), organized by Malaviya National Institute of Technology Jaipur, India, during December 16–17, 2023. This book presents a collection of state-of-the-art research work involving cutting-edge technologies for communication and intelligent systems. Over the past few years, advances in artificial intelligence and machine learning have sparked new research efforts around the globe, which explore novel ways of developing intelligent systems and smart communication technologies. The book presents single- and multi-disciplinary research on these themes to make the latest results available in a single, readily accessible source. The work is presented in three volumes.
