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Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Deep Learning for Fake News Detection: A Review of Multi-Model Approaches In Social Media Contexts -- A Comprehensive Survey on Text Spotting in Natural Images Using Deep Learning -- A Review on Transfer Learning Models for Precise Alzheimer's Disease Stage Identification -- A Review of Artificial Intelligence Techniques in Papaya Leaf Disease Classification -- A study of Graph Neural Network Frameworks and Frontiers -- Avian Census: Real-Time Bird Counting using Region-based Convolutional Neural Network -- Implementation of Fuzzy Optimization in Activity Recognition with deep learning -- ALO-FCE: An Antlion Optimization Based Feature Extraction For Network Traffic Classification Using Fully Connected Autoencoders -- Transforming images into multilingual captions for accessibility and interaction -- ResNet-Defake: Detecting Deepfake Images with Customized ResNet -- AI Driven Food Recognition and Real-Time Pose Estimation for Health Monitoring -- Ensemble-Based DL Model For Predicting And Detecting Diabetic Retinopathy Using Retinal Images -- Leveraging Supervised Learning Algorithms for Automated and Accurate Cattle Disease Diagnosis in Livestock Farming in Somalia -- Video Forgery Detection Using Multi-Scale Feature Extraction with ResNet50 -- Smartoutfit: CNN Based Matching for Perfect Outfit

Combination.

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## Sommario/riassunto

This book discusses the latest developments in computing techniques that power smart energy and sustainable solutions. Over the last few years, artificial intelligence (AI) has been more deeply embedded in our lives, revolutionizing industries and communication. Intelligent computing models are now transforming traditional energy applications in this digital age through smart automation, optimization, and adaptation. The book addresses major facets of intelligent computing and communication technologies, such as intelligent data analysis, predictive modeling, optimization, neural networks, AI, machine learning, deep learning, and the Internet of Things (IoT). All these technologies are discussed in practical applications, e.g., smart cities and smart industries, their transformative possibilities.

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