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Nota di contenuto	CDSER: Sentiment Analysis for Product Selection to Enhance E-commerce Review System -- Deep Learning Approach to Compose Short Stories Based on Online Hospital Reviews of Tirunelveli Region -- Novel Insights into SAR Analysis of Human Head at 5G mmWave Frequencies -- Music Emotion Recognition for Intelligent and Efficient Recommendation Systems -- A New Time-Domain Diffraction Coefficient for Dielectric Obstacles -- BScFilter: A Deep Learning Approach for Sports Comments Filtering in a Resource Constraint Language -- HABE Secure Access at Cloud-Healthcare Database --

Effective Performance of Low-resource Bangla Fake News Detection using Deep Convolutional Neural Networks -- Effect of Eulers Number on Signature Verification System -- The Prediction of Diabetes Using Machine Learning in the Health Care System -- Multichannel Deep Learning Network based Automatic Modulation Classification in Presence Of Symmetric Alpha Stable Distributed Impulsive Noise -- Enhanced Security in e-Tendering System using Blockchain with Efficient Smart Contracts and Hybrid Cryptography -- Enhancing Scalability in Sharding Blockchain via Interoperability Protocol -- Development of Blockchain-Enabled E-Healthcare Appointment System -- A Novel Approach for Object Recognition in Hazy Scenes: Integrating YOLOv7 Architecture with Boundary Constrained Dehazing -- Improving file storage security by Authenticating the Cipher Text -- Malicious Activity Monitoring and Preventing in WSN using Network Screening -- Dynamic Multihead Attention for Enhancing Neural Machine Translation Performance -- An Active Wave Filter Design Employing Current Controlled Differential Difference Current Conveyor -- Scratch Vision Transformer Model for Diagnosis Grape Leaf Disease -- Multilevel association mining with particle swarm optimization: a comprehensive approach for high-utility itemset discovery -- Use of deep Learning to handle early-stage Business Data -- An efficient text-based document categorization with k-means and cuckoo search optimization -- An efficient text-based document categorization with k-means and cuckoo search optimization -- An optical quantum computer that uses both quantum logic gate and quantum annealing.

Sommario/riassunto

This book presents various computational and cognitive modeling approaches in the areas of health, education, finance, environment, engineering, commerce and industry. It is a collection of selected conference papers presented at the 5th International Conference on Trends in Cognitive Computation Engineering (TCCE 2023), organized by Pranveer Singh Institute of Technology, Kanpur Uttar Pradesh, India in collaboration with IIOIR, Shimla, Himachal Pradesh, India, during 24 – 25 November 2023. The book is divided into two volumes, and it shares cutting-edge insights and ideas from mathematicians, engineers, scientists, and researchers and discusses fresh perspectives on problem solving in a range of research areas.
