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Soggetti	Computational intelligence Artificial intelligence Telecommunication Cooperating objects (Computer systems) Signal processing Computational Intelligence Artificial Intelligence Communications Engineering, Networks Cyber-Physical Systems Signal, Speech and Image Processing
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Nota di contenuto	Artificial Neural Network and Partial Pattern Recognition to Detect Malware -- Epidemiology and Forecasting of Cholera Incidence in North India -- "A NOVEL APPORACH FOR IMPROVING ROUTING EFFIECIECY AND MININZING PROPOGATION MEAN DELAY FOR DADCQ PROTOCOL IN VANET" -- HUMAN COMPUTER INTERACTION AS A MODE OF IMPROVEMENT IN HUMAN LIFESTYLE -- New fast and efficient Techniques for Image Denoising using VQ, PCA, SVD, Soft Thresholding and Wiener Filter -- Elicitation and Analysis of Security Requirements and Patterns for IoT Based Health Monitor -- Classification of Remote Sensing Images Based on K-Means Clustering and Artificial Bee Colony Optimization -- Internet of Things and its Applications :An Overview --

Smart KYC using Blockchain and IPFS -- Lexical analysis and Mathematical modelling for analysing Depression detection of social media reviews.

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Sommario/riassunto

This book highlights recent advances in Cybernetics, Machine Learning and Cognitive Science applied to Communications Engineering and Technologies, and presents high-quality research conducted by experts in this area. It provides a valuable reference guide for students, researchers and industry practitioners who want to keep abreast of the latest developments in this dynamic, exciting and interesting research field of communication engineering, driven by next-generation IT-enabled techniques. The book will also benefit practitioners whose work involves the development of communication systems using advanced cybernetics, data processing, swarm intelligence and cyber-physical systems; applied mathematicians; and developers of embedded and real-time systems. Moreover, it shares insights into applying concepts from Machine Learning, Cognitive Science, Cybernetics and other areas of artificial intelligence to wireless and mobile systems, control systems and biomedical engineering. .

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