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Soggetti	Computational intelligence Artificial intelligence Bioinformatics Data mining Game theory Computational Intelligence Artificial Intelligence Computational Biology/Bioinformatics Data Mining and Knowledge Discovery Game Theory, Economics, Social and Behav. Sciences
Lingua di pubblicazione	Inglese
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Nota di contenuto	Miniaturized Single layer Asymmetric CPW Fed Antenna for UWB Applications -- Four Elements MIMO Antenna Array having Band Notching Properties and High Isolation -- Designing a Non Linear Tri Core Photonic Crystal Fiber for Minimizing Dispersion and analyzing it in various Sensing Applications -- A New Methodology to Implement ASCII Based Cryptography -- Sentiment Analysis of Product Reviews of Ecommerce Websites -- A Novel Image Encryption Technique Using Arnold Transform and Asymmetric RSA Algorithm -- Predictive Alert for Artificial Oil Lift using Machine Learning Techniques -- Designing of Band Reject Filter for Radio Astrophysics -- Novel Hardware Design of Correlation Function and its Application on Binary Matrix Factorization

Based Features -- Facial Expression Recognition Using Random Forest Classifier -- Air Quality Status in Jaipur and Nearby Areas of Rajasthan -- Recognizing MNIST Handwritten Dataset using PCA & LDA -- Optimal Design of a Stand-Alone Hybrid System using GA, PSO and ABC.

Sommario/riassunto

This book introduces research presented at the “International Conference on Artificial Intelligence: Advances and Applications-2019 (ICAIAA 2019),” a two-day conference and workshop bringing together leading academicians, researchers as well as students to share their experiences and findings on all aspects of engineering applications of artificial intelligence. The book covers research in the areas of artificial intelligence, machine learning, and deep learning applications in health care, agriculture, business and security. It also includes research in core concepts of computer networks, intelligent system design and deployment, real-time systems, WSN, sensors and sensor nodes, SDN and NFV. As such it is a valuable resource for students, academics and practitioners in industry working on AI applications.
