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Nota di contenuto	Hybrid Duty Cycle Algorithm for Industrial WSNs Using Machine Learning -- Analyzing Architectures of Reservoir Computing Models Using Particle Swarm Intelligence -- A Cost-Effective Data Node Management Scheme for Hadoop Clusters in Cloud Environment -- Deep Temporal Analysis of Twitter Bots -- Comparison of Metaheuristics for a Vehicle Routing Problem in a Farming Community -- A Brain Computer Interface Based Visual Keyboard System Using SSVEP and Electrooculogram -- Stock Market Prediction Using a Hybrid Model -- An Internet of Things Framework to Forecast Indoor Air Quality Using Machine Learning -- Strategy Inference via Real-time Homeomorphic and Isomorphic Tree Matching of Probabilistic Graphical Models -- CNN and Stacked LSTM Model for Indian Sign

Language Recognition -- Air Quality Monitoring and Classification Using Machine Learning -- Facial Emotion Recognition Using Shallow CNN -- Lead Artist Identification from Music Videos Using Auto-Encoders -- Enhanced Differential Evolution-based EEG Channel Selection -- An Efficient Word Embedded Click-Bait Classification of YouTube Titles Using SVM -- NSGA III for CNC End Milling Process Optimization -- Steering Angle Estimation for Self-Driving Car Using Deep Learning -- A Textural Feature Based Cytological Image Classification Using Artificial Neural Network -- Proposing Contextually Relevant Advertisements for Online Videos -- Comparison of Metaheuristics for the Allocation of Resources for an After-School Program in Remote Areas of India -- A C-LSTM with Attention Mechanism for Question Categorization -- QuicklyCook: A User-Friendly Recipe Recommender -- Early Detection of Suicidal Predilection on Instagram Social Networking Service.

| Sommario/riassunto | This book constitutes the refereed proceedings of the First Symposium on Machine Learning and Metaheuristics Algorithms, and Applications, SoMMA 2019, held in Trivandrum, India, in December 2019. The 17 full papers and 6 short papers presented in this volume were thoroughly reviewed and selected from 53 qualified submissions. The papers cover such topics as machine learning, artificial intelligence, Internet of Things, modeling and simulation, disctibuted computing methodologies, computer graphics, etc. . |