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Nota di contenuto	Modelling Subjective Happiness with a Survey Poisson Model and XGBoost using an Economic Security Approach -- Monitoring web-based evaluation of online reputation in Barcelona -- Information Technology for the Synthesis of Optimal Spatial Configurations with Visualization of the Decision-Making Process -- Hybrid Approach to Combinatorial and Logic Graph Problems -- Energy Efficient Algorithms Used In Datacenters : A Survey -- Software Log Anomaly Detection Method using HTM Algorithm -- Logical Inference in Predicate Calculus with the Definition of Previous Statements -- Congestion Management Considering Demand Response Programs using Multi-objective Grasshopper Optimization Algorithm -- A Hardware accelerator implementation of Multilayer Perceptron -- Building a classifier of behavior patterns for semantic search based on cuckoo search meta-heuristics -- TETRA Enhancement Based on Adaptive Modulation -- Dynamic stability enhancement of grid connected wind system using

grey wolf optimization technique -- A Comparative Analysis on wide area power system control with Mitigation the effects of imperfect medium -- Adware Attack Detection on IoT Devices using Deep Logistic Regression SVM (DL-SVM-IOT) -- Intrusion Detection System for Securing Computer Networks Using Machine Learning: A Literature Review -- An Exploration of Entropy techniques for Envisioning Announcement Period of Open Source Software -- Occurrence prediction of pests and diseases in rice of weather factors using Machine Learning -- A Literature Review on Generative Adversarial Networks with its Applications in Healthcare -- A Federated Search System for Online Property Listings Based on SIFT Algorithm -- Digital Brain Building a Key to Improve Cognitive Functions by an EEG–Controlled Videogames as Interactive Learning Platform -- Intelligent car cabin safety system through IoT application -- Utilization of Delmia Software for Saving Cycle Time in Robotics Spot Welding -- Data protection techniques over multi-cloudenvironment- a review -- Review Paper: Error Detection and Correction onboard Nanosatellites -- Kerala Floods : Twitter Analysis using Deep Learning Techniques -- An Improved DVFS Circuit & Error Correction Technique -- Effective Predictive Maintenance to overcome System Failures – A Machine Learning Approach -- IN-LDA: An Extended Topic Model for Efficient Aspect Mining -- Imbalance Rectification using Venn Diagram based Ensemble of Undersampling Methods for Disease Datasets.

| Sommario/riassunto | This book is a collection of selected papers presented at the First Congress on Intelligent Systems (CIS 2020), held in New Delhi, India during September 5 – 6, 2020. It includes novel and innovative work from experts, practitioners, scientists and decision-makers from academia and industry. It covers topics such as Internet of Things, information security, embedded systems, real-time systems, cloud computing, big data analysis, quantum computing, automation systems, bio-inspired intelligence, cognitive systems, cyber physical systems, data analytics, data/web mining, data science, intelligence for security, intelligent decision making systems, intelligent information processing, intelligent transportation, artificial intelligence for machine vision, imaging sensors technology, image segmentation, convolutional neural network, image/video classification, soft computing for machine vision, pattern recognition, human computer interaction, robotic devices and systems, autonomous vehicles,intelligent control systems, human motor control, game playing, evolutionary algorithms, swarm optimization, neural network, deep learning, supervised learning, unsupervised learning, fuzzy logic, rough sets, computational optimization, and neuro fuzzy systems. |