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Nota di contenuto	Neural Network Imitation Model of Realization of the Business Analysis Process -- Thermal Modeling of the GaN HEMT device Using Decision Tree Machine Learning Technique -- Low-cost FPGA based onboard computer -- A Survey on Solution of Imbalanced Data Classification Problem using SMOTE and Extreme Learning Machine -- Thermal Imaging Assisted Infection Classification (BoF) for Brinjal Crop -- Preterm Delivery Prediction Using Gradient Boosting Algorithms.
Sommario/riassunto	This book gathers selected research papers presented at the International Conference on Communication and Intelligent Systems (ICCIS 2020), organized jointly by Birla Institute of Applied Sciences, Uttarakhand, and Soft Computing Research Society during 26–27 December 2020. This book presents a collection of state-of-the-art research work involving cutting-edge technologies for communication and intelligent systems. Over the past few years, advances in artificial intelligence and machine learning have sparked new research efforts around the globe, which explore novel ways of developing intelligent systems and smart communication technologies. The book presents single- and multi-disciplinary research on these themes in order to

make the latest results available in a single, readily accessible source.
