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Nota di contenuto	A. Bajpai and P. Kumar Sharma, Free Vibration Analysis of Generalized Thermoelastic Homogeneous Isotropic plate with Two Temperatures -- Premkumar P.S., Nadaraja Pillai S., Arunvinthan S., and S. Teja, Analysis of Heat Transfer Coefficients and Pressure Drops in Surface Condenser with Different Baffle Spacing -- U.M. Pirzada, S. Rama Mohan, Fuzzy Form of Euler Method to Solve Fuzzy Differential Equations and its Application -- K. Bhattacharya and S. Kumar De, Intuitionistic Fuzzy Metrics and its Application -- H Singh, Complex Structure of Number in Language Processing -- A. George, S. Rukhande, and D. Pillai, Digital Newspaper using Augmented Reality -- Dimplekumar N. Chalishajar and R. Ramesh, Nonlocal Fuzzy Solutions for Abstract Second-Order Differential Equations -- J. Grover and S. Singhal, Performance Assessment of Routing Protocols in Cognitive Radio Vehicular ad-hoc Networks -- T. Jalal and I. A. Malik, Infinite System of Second-Order

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Sommario/riassunto

This book contains select papers presented at the International Conference on Applied Mathematics and Computational Intelligence (ICAMCI-2020), held at the National Institute of Technology Agartala, Tripura, India, from 19–20 March 2020. It discusses the most recent breakthroughs in intelligent techniques such as fuzzy logic, neural networks, optimization algorithms, and their application in the development of intelligent information systems by using applied mathematics. The book also explains how these systems will be used in domains such as intelligent control and robotics, pattern recognition, medical diagnosis, time series prediction, and complicated problems in optimization. The book publishes new developments and advances in various areas of type-3 fuzzy, intuitionistic fuzzy, computational mathematics, block chain, creak analysis, supply chain, soft computing, fuzzy systems, hybrid intelligent systems, thermos-elasticity, etc. The book is targeted to researchers, scientists, professors, and students of mathematics, computer science, applied science and engineering, interested in the theory and applications of intelligent systems in real-world applications. It provides young researchers and students with new directions for their future study by exchanging fresh thoughts and finding new problems.