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Nota di contenuto	Monitoring Sleep-Related Disorders Via Artificial Intelligence Methods -- The Present and Future Role of Artificial Intelligence in the Promotion of Sustainable Practices in the Construction Sector -- Honeywell Experion Hive As Breakthrough Approach In Control Systems Evolution -- Pathfinding with Dynamic Obstacles -- Application of Digital Twin technology for live Process Control System of industrial facility -- Level of Automation Assessment for Controlled-Environment Hydroponic Agriculture via Fuzzy MCDM Method -- Navigating the Ethics of the Metaverse: A Fuzzy Logic Approach to Decision-Making -- Investigation the activity of medical institutions for hospital care in Bulgaria with the InterCriteria Analysis Method -- On a Hybrid Intuitionistic Fuzzy Method for Breast Cancer Classification -- Assessment of Cancer Detection from CT scan images using Hybrid Supervised Learning methods -- Unlocking Insights into Mental Health and Productivity in the Tech Industry through KDD and Data Visualization -- Prioritization of User Strategies for mHealthcare App

Selection -- Fuzzy Numbers and Analysis of Radiological Images --
Analyzing and Responding to Google Maps Reviews with a Chatbot in
Healthcare -- A Novel Decision-Making Framework Based on Interval-
valued Pythagorean Fuzzy AHP & CODAS: An Application to Healthcare
Supplier Selection.

Sommario/riassunto

This book consists of the papers accepted after a careful review process at an international scientific meeting where the latest developments on intelligent and fuzzy systems are presented and discussed. The latest developments in both the theoretical and practical fields of the new fuzzy set extensions have been prepared by expert researchers. Contributed by participants from more than 40 different countries, this book is also a useful resource in terms of showing the levels that fuzzy and intelligent systems have reached in various countries of the world. The intended readers are intelligent and fuzzy systems researchers, lecturers, M.Sc., and Ph.D. students studying fuzzy sets and artificial intelligence. The book covers fuzzy logic theory and applications, heuristics, and metaheuristics from optimization to machine learning, from quality management to risk management, making the book an excellent source for researchers.
