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Autore	Cao Bing-Yuan
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Nota di contenuto	Variable Universe Fuzzy Control Based on Adaptive Error Integral for Uncertain Nonlinear Systems with Time-delay -- Optimization of Ideal Reflector for Radio Telescope Based on Improved Composite Algorithm -- Linear Programming Subject to Max-product Fuzzy Relation Inequalities with Discrete Variables -- Global Optimization for the

Concave-concave Multiplicative Programming with Coefficient -- Fish Swarm Algorithm Based Reflecting Surface Adjustment Strategy for Radio Telescope -- Study on Furnace Temperature Curve Based on Heat Conduction Model -- Research on Intelligent Adjustment Technology of Active Reflector of Radio Telescope -- Dynamic Credit Line Decisions for Msmes -- Research on the Ordering and Transportation of Raw Materials for Production Enterprises -- Research on Cantonese Cultural and Creative Product Design Strategy Based on Fuzzy Kano Model -- Establishment and Application of Catalyst Optimization Model Based on Genetic Algorithm -- Application and Optimization of Shape Adjustment Design Based on "Fast" Active Reflector Model -- Research and Practice of Internet+ Innovation and Entrepreneurship Ability Cultivation Model Based on Cooperative Learning -- Research on the Optimization Model of Ethanol Coupling to C4 Olefins Based on Regression Analysis -- An Empirical Study on Eco-tourism Network Integral Problem.

Sommario/riassunto

This book includes high quality research papers submitted at the 2022 "Four Session (ICFIE, ICORG, GDORS, CGHMORS) Celebration" Joint International Conference held on December 28, 2022 and the online meeting of the Fuzzy Information and Engineering Branch of the China Operations Research Society on September 17, 2022. It covers topics in the fields of certainty, stochastic uncertainty, and fuzzy uncertainty, including computer science and mathematics, operations research and control, artificial intelligence, information and engineering technology, barrier-free communication for people with disabilities, digital logistics and knowledge representation, medical applications, queuing theory and game theory, algorithms and optimization methods. The book is a valuable reference book for scholars, engineers, management professionals, and graduate, undergraduate, and vocational students interested in computer science, mathematics, and fuzzy mathematics and operations research, as well as their applications in information technology and engineering.
