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Collana	EAI/Springer Innovations in Communication and Computing, , 2522-8595
Disciplina	519.3
Soggetti	Electrical engineering Computer simulation Signal processing Image processing Speech processing systems Data structures (Computer science) Communications Engineering, Networks Simulation and Modeling Signal, Image and Speech Processing Data Storage Representation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Texture Synthesis and Design based on Elements Distribution Creation -- Selective Encryption using Natural Language Processing for Text data in Mobile Ad hoc Network -- A Novel Hybrid Artificial Bee Colony with Monarch Butterfly Optimization for Global Optimization Problems -- Domain Models Definition for Rule Generation Using Controlled Variability Management -- Hybridizing Bat Algorithm with Modified Pitch-Adjustment Operator for Numerical Optimization Problems -- Consolidation of Host-Based Mobility Management Protocols with Wireless Mesh Network -- Performance Evaluation of Hot Mix Asphalt Concrete by Using Polymeric Waste Polyethylene -- Evaluation of technical efficiency of thermal power units in Mexico Data Envelopment

Sommario/riassunto

This book features selected contributions in the areas of modeling, simulation, and optimization. The contributors discuss requirements in problem solving for modeling, simulation, and optimization. Modeling, simulation, and optimization have increased in demand in exponential ways and how potential solutions might be reached. They describe how new technologies in computing and engineering have reduced the dimension of data coverage worldwide, and how recent inventions in information and communication technology (ICT) have inched towards reducing the gaps and coverage of domains globally. The chapters cover how the digging of information in a large data and soft-computing techniques have contributed to a strength in prediction and analysis, for decision making in computer science, technology, management, social computing, green computing, and telecom. The book provides an insightful reference to the researchers in the fields of engineering and computer science. Researchers, academics, and professionals will benefit from this volume. Features selected expanded papers in modeling, simulation, and optimization from COMPSE 2016; Includes research into soft computing and its application in engineering and technology; Presents contributions from global experts in academia and industry in modeling, simulation, and optimization.
