1. Record Nr. UNINA9910483484903321

Titolo New Paradigm in Decision Science and Management : Proceedings of ICDSM 2018 / / edited by Srikanta Patnaik, Andrew W. H. Ip, Madjid Tavana, Vipul Jain

Pubbl/distr/stampa Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020

ISBN 981-13-9330-3

Edizione [1st ed. 2020.]

Descrizione fisica 1 online resource (XIV, 408 p. 158 illus., 94 illus. in color.)

Collana Advances in Intelligent Systems and Computing, , 2194-5357 ; ; 1005

Disciplina 006.3

Soggetti Computational intelligence
Operations research
Management science
Decision making
Computer security
Computational Intelligence
Operations Research, Management Science
Operations Research/Decision Theory
Systems and Data Security

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Nota di bibliografia Includes bibliographical references and index.

Nota di contenuto Quality Index Evaluation Model Based on Index Screening Model -- Selection of Software Development Methodologies (SDMs) Using Bayesian Analysis -- Universal Layers of IoT Architecture and its Security Analysis -- Development of Model for Sustainable Development in Agriculture using IoT based Smart Farming -- Optimization of PI Coefficients of PMSM Drive Using Particle Swarm Optimization -- Use of Fuzzy Enabled FOPID Controller for AGC Investigation Utilizing Squirrel Search Algorithm -- ACO based Secure Routing Protocols in MANETs -- An Approach Towards Integration of Big Data into Decision Making Process -- Design of Fuzzy Logic based PID Controller for Heat Exchanger used in Chemical Industry -- A Proposed Model Design under the Concept of Supply Chain Management for Construction Industry in Mainland China.

Sommario/riassunto

This book discusses an emerging area in computer science, IT and management, i.e., decision sciences and management. It includes studies that employ various computing techniques like machine learning to generate insights from huge amounts of available data; and which explore decision-making for cross-platforms that contain heterogeneous data associated with complex assets; leadership; and team coordination. It also reveals the advantages of using decision sciences with management-oriented problems. The book includes a selection of the best papers presented at the International Conference on Decision Science and Management 2018 (ICDSM 2018), held at the Interscience Institute of Management and Technology (IIMT), Bhubaneswar, India.