

1. Record Nr.	UNINA9910882896703321
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Titolo	Decision Making and Decision Support in the Information Era : Dedicated to Academician Florin Filip // edited by Valentina Emilia Balas, Gintautas Dzemyda, Smaranda Belciug, Janusz Kacprzyk
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031621581 9783031621574
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (384 pages)
Collana	Studies in Systems, Decision and Control, , 2198-4190 ; ; 534
Altri autori (Persone)	DzemydaGintautas BelciugSmaranda KacprzykJanusz
Disciplina	620.00151
Soggetti	Engineering mathematics Application software Computational intelligence Engineering Mathematics Computer and Information Systems Applications Computational Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Systems and networks -- 21st Century Artificial Intelligence tackling climate instability Cybernetic modelling of living systems -- Sky Computing: Opportunities and Challenges -- Resilience of Networks A Partial Review -- Information and Informational Organization of the Living Structures From Decision Making to Decisional Big Data Assisted Informational Era -- Sensor Networks as a Support Mechanism in Intelligent Transportation Systems -- Intelligent systems and decision support general issues and critical applications -- A quantitative perspective on the evolution of Decision Support Systems -- Decision Support Systems for Reverse Logistics in Industry 4.0 -- Medical Decision Support System for Lung Damage Classification -- How can Intelligent Decision Support Systems be applied in Obstetrics -- Harnessing the Capabilities of IoHT based Remote Monitoring Systems for Decision Making in Elderly Healthcare -- Surgical Decision Making

in a Successful Liver Allograft Survival Problem State -- Advances in developing a decision support system for cyber risk management -- An RBF neural network approach to predict preschool teachers integrative qualitative intentional behavior based on Marzano's Model of Teaching Effectiveness -- Intelligent e Learning support oriented on the family of decision problems -- Data analysis, decision making and control -- Reverse Clustering a New Perspective in Data Analysis -- Intelligent Support System Biostatistical Modeling of Data in the Field of Plant Physiology -- Fuzzy Functional Analysis A General View -- Interval valued intuitionistic hesitant uncertain linguistic set and Choquet integral based TOPSIS method to MCGDM problems -- Iterative Feedback Tuning Algorithms for Two Rotor Aerodynamic Systems -- The digital transformation of the libraries toward a digital knowledge hub.

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### Sommario/riassunto

This book is a comprehensive and full-fledged presentation of how modern algorithmic tools and techniques with software implementations can provide an effective and efficient solution of a multitude of problems faced in real life. These problems range from all kinds of data analyses, medical data analyses, image analyses and recognitions, support of medical diagnoses, etc. to new concepts of smart towns and other environments. Emphasis will be on the role of intelligent systems and artificial intelligence and a synergistic collaboration between human beings and computer systems. Modern decision support systems are a main focus point.

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