1. Record Nr. UNINA9910557566703321

Autore	Bolboac Sorana D
Titolo	Symmetry in Applied Mathematics
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (244 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Applied mathematics and symmetry work together as a powerful tool for problem reduction and solving. We are communicating applications in probability theory and statistics (A Test Detecting the Outliers for Continuous Distributions Based on the Cumulative Distribution Function of the Data Being Tested, The Asymmetric Alpha-Power Skew-t Distribution), fractals - geometry and alike (Khovanov Homology of Three-Strand Braid Links, Volume Preserving Maps Between p-Balls, Generation of Julia and Mandelbrot Sets via Fixed Points), supersymmetry - physics, nanostructures -chemistry, taxonomy - biology and alike (A Continuous Coordinate System for the Plane by Triangular Symmetry, One-Dimensional Optimal System for 2D Rotating Ideal Gas, Minimal Energy Configurations of Finite Molecular Arrays, Noether-Like Operators and First Integrals for Generalized Systems of Lane-Emden Equations), algorithms, programs and software analysis (Algorithm for Neutrosophic Soft Sets in Stochastic Multi-Criteria Group Decision Making Based on Prospect Theory, On a Reduced Cost Higher Order Traub-Steffensen-Like Method for Nonlinear Systems, On a Class of Optimal Fourth Order Multiple Root Solvers without Using Derivatives) to specific subjects (Facility Location Problem Approach for Distributed Drones, Parametric Jensen-Shannon Statistical Complexity and Its Applications on Full-Scale Compartment Fire Data). Diverse topics are thus combined to map out the mathematical core of practical problems.

2. Record Nr. UNINA9910767584803321

Titolo	Information Systems for Intelligent Systems : Proceedings of ISBM 2022 / / edited by Chakchai So-In, Narendra D. Londhe, Nityesh Bhatt, Meelis Kitsing
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-19-7447-0
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (649 pages)
Collana	Smart Innovation, Systems and Technologies, , 2190-3026 ; ; 324
Disciplina	006.3
Soggetti	Engineering - Data processing Business information services Artificial intelligence Data Engineering Business Information Systems Artificial Intelligence IT in Business
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Social Media as Communication-Transformation Tools -- Bi directional DC-DC converter-based Energy Storage Method for Electric Vehicles -- Design of Smart Irrigation System in Sone Command Area Bihar for Paddy Crop -- A Footstep to Image Deconvolution Technique for the both Known and Unknown Blur Parameter -- Secured Monitoring of Unauthorized UAV by Surveillance Drone Using NS2.
Sommario/riassunto	This book includes selected papers presented at World Conference on Information Systems for Business Management (ISBM 2022), held in Bangkok, Thailand, during September 2–3, 2022. It covers up-to-date cutting-edge research on data science, information systems, infrastructure and computational systems, engineering systems, business information systems, and smart secure systems.