

1. Record Nr.	UNISA996466173403316
Titolo	Artificial Intelligence and Symbolic Computation [[electronic resource] ] : International Conference AISC 2000 Madrid, Spain, July 17-19, 2000. Revised Papers / / edited by John A. Campbell, Eugenio Roanes-Lozano
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2001
ISBN	3-540-44990-6
Edizione	[1st ed. 2001.]
Descrizione fisica	1 online resource (X, 258 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 1930
Disciplina	006.3
Soggetti	Artificial intelligence Computer science—Mathematics Mathematical logic Algorithms Artificial Intelligence Symbolic and Algebraic Manipulation Mathematical Logic and Formal Languages
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- George Boole, a Forerunner of Symbolic Computation -- Artificial Intelligence as a Decision Tool for Efficient Strategic and Operational Management -- OMDoc: Towards an Internet Standard for the Administration, Distribution, and Teaching of Mathematical Knowledge -- Contributed Papers and Poster Summaries -- On Communicating Proofs in Interactive Mathematical Documents -- Composite Distributive Lattices as Annotation Domains for Mediators -- A Proof Strategy Based on a Dual Representation -- Formalizing Rewriting in the ACL2 Theorem Prover -- Additional Comments on Conjectures, Hypotheses, and Consequences in Orthocomplemented Lattices -- Reasoning about the Elementary Functions of Complex Analysis -- Solving Nonlinear Systems by Constraint Inversion and Interval Arithmetic -- Basic Operators for Solving Constraints via Collaboration of Solvers -- Automatic Determination of Geometric Loci. 3D-Extension of Simson-Steiner Theorem -- Numerical Implicitization

of Parametric Hypersurfaces with Linear Algebra -- A Note on Modeling  
 Connectionist Network Structures: Geometric and Categorical Aspects  
 -- A New Artificial Intelligence Paradigm for Computer-Aided  
 Geometric Design -- How Symbolic Computation Can Benefit  
 Computer-Aided Geometric Design -- CDR: A Rewriting Based Tool to  
 Design FPLA Circuits -- Locally Effective Objects and Artificial  
 Intelligence -- Negotiation Algorithms for Multi-agent Interactions --  
 Some Techniques of Isomorph-Free Search.

2. Record Nr.	UNINA9910482964403321
Titolo	Artificial Intelligence and Evolutionary Computations in Engineering Systems // edited by Subhransu Sekhar Dash, C. Lakshmi, Swagatam Das, Bijaya Ketan Panigrahi
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-0199-8
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (781 pages)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 1056
Disciplina	006.3
Soggetti	Computational intelligence Signal processing Wireless communication systems Mobile communication systems Computational Intelligence Signal, Speech and Image Processing Wireless and Mobile Communication
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Automatic Generation Control Using Novel PD plus FOPI Controller Tuned By Salp Swarm Algorithm -- Plant Disease Identification and Detection Using Support Vector Machines and Artificial Neural Networks -- Efficiency Comparison and Analysis of Pseudo-Random Generators in Network Security -- A Detailed Analysis of Intruders' Activities in the Network through the Real-Time Virtual Honeynet Experimentation -- Global and Local Signed Pressure Force Functions Active Contour Model

Based on Entropy -- Optimization of Big Data Using Rough Set Theory and Data Mining for Textile Applications -- Machine Learning Based Device for Visually Impaired Person -- Forest Cover Classification Using Stacking Of Ensemble Learning and Neural Networks -- Predicting the Trends of Price for Ethereum Using Deep Learning Techniques -- Development of a Novel Embedded Board: Canduino -- Sales Demand Forecasting using Lstm Network -- Privacy Enhanced Emotion Recognition Approach for Remote Health Advisory System -- An Effective Approach for Plant Monitoring, Classification and Prediction Using IoT and Machine Learning -- Encrypted Transfer of Confidential Information Using Steganography and Identity Verification Using Face Data -- Intelligent Wireless Sensor Networks for Precision Agriculture -- Mining Of Removable Closed Patterns in Goods Dataset -- Comparative Analysis and Performance of D-STATCOM Device Using PI and Second Order Sliding Mode Control -- Stock Market Prediction Using Long Short Term Memory -- Dragonfly Algorithm for Optimal Allocation of D-STATCOM in Distribution Systems -- SRF Control Algorithm for Five Level Cascaded H-Bridge D-STATCOM in Single Phase Distribution System.

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### Sommario/riassunto

This book gathers selected papers presented at the 4th International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems, held at the SRM Institute of Science and Technology, Kattankulathur, Chennai, India, from 11 to 13 April 2019. It covers advances and recent developments in various computational intelligence techniques, with an emphasis on the design of communication systems. In addition, it shares valuable insights into advanced computational methodologies such as neural networks, fuzzy systems, evolutionary algorithms, hybrid intelligent systems, uncertain reasoning techniques, and other machine learning methods and their application to decision-making and problem-solving in mobile and wireless communication networks.

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