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## (PDF) List of Modeling and Simulation Journals

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**ISSN:** 1049-3301

**eISSN:** 1558-1195

The ACM Transactions on Modeling and Computer Simulation (TOMACS) provides a single archival source for the publication of high-quality research and developmental results referring to all phases of th...

### ACM Transactions on Parallel Computing

**ISSN:** 2329-4949

**eISSN:** 2329-4957

Parallel computing is no longer a niche research field but an essential ingredient in all aspects of computer science. ACM Transactions on Parallel Computing (TOPC) is a forum for novel and innovative...

### ACM Transactions on Spatial Algorithms and Systems

**ISSN:** 2374-0353

**eISSN:** 2374-0361

ACM Transactions on Spatial Algorithms and Systems (TSAS) is a scholarly journal that publishes the highest quality papers on all aspects of spatial algorithms and systems and closely related discipli...

### Advanced Control for Applications: Engineering and Industrial Systems

**eISSN:** 2578-0727

The aim is to attract papers on control applications and particularly, but not exclusively, those associated with industrial applications.

### Advanced Mathematical Models and Applications

**eISSN:** 2519-4445

Advanced Mathematical Models and Applications publishes carefully selected, high quality, peer-reviewed papers which explore new and important developments in all areas of mathematical modeling, analy...

## **Advanced Modeling and Simulation in Engineering Sciences**

**eISSN:** 2213-7467

The research topics addressed by Advanced Modeling and Simulation in Engineering Sciences (AMSES) cover the vast domain of the advanced modeling and simulation of materials, processes and structures g...

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## **Advanced Theory and Simulations**

**eISSN:** 2513-0390

Advanced Theory and Simulations is an interdisciplinary, international, English-language journal that publishes high-quality scientific results focusing on the development and application of theoretic...

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## **Advances in Aerodynamics**

**ISSN:** 2097-3462

**eISSN:** 2524-6992

Advances in Aerodynamics (AIA) is aimed to report the scientific and technological advances in aerodynamics from the aspects of academic research, industrial development, and engineering applications;...

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## **Advances in Dynamical Systems and Applications**

**ISSN:** 0973-5321

**eISSN:** 0974-021X

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## **Advances in Mathematical Sciences and Applications**

**ISSN:** 1343-4373

The Advances in Mathematical Sciences and Applications (AMSA) is an international journal focused on research activities of mathematical analysis and its applications to natural and social sciences as...

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## **Advances in Modelling and Analysis A**

**ISSN:** 1258-5769

Advances in Modelling and Analysis A (AMA\_A) is an international, scholarly and peer-reviewed journal dedicated to providing scientists, engineers and technicians with the latest developments on mathe...

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## **Advances in Modelling and Analysis B**

**ISSN:** 1240-4543

Topics in AMA\_B include signals, information, patterns, data acquisition, transmission, processing, classification, etc.

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## **Advances in Modelling and Analysis C**

**ISSN:** 1240-4535

Topics in AMA\_C include system analysis, control and design, simulation, CAD etc.

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## **Annals of Applied Statistics**

**ISSN:** 1932-6157

**eISSN:** 1941-7330

Statistical research spans an enormous range from direct subject-matter collaborations to pure mathematical theory. The Annals of Applied Statistics, the newest journal from the IMS, is aimed at paper...

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## **Applied Mathematical Modelling**

**ISSN:** 0307-904X

Applied Mathematical Modelling focuses on research related to the mathematical modelling of engineering and environmental processes, manufacturing, and industrial systems. A significant emerging area...

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## **Applied Mathematics and Nonlinear Sciences**

**eISSN:** 2444-8656

Applied Mathematics and Nonlinear Sciences (AMNS) provides a forum for the rapid publication of original research in this field. The journal's scope encompasses all nonlinear dynamic phenomena assoc...

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## **Applied Set-Valued Analysis and Optimization**

**ISSN:** 2562-7775

**eISSN:** 2562-7783

This journal endeavors to publish research of broad interests in applied set-valued analysis and optimization. One volume is published each year, and each volume consists of three issues (April, August...

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## **Applied Stochastic Models in Business and Industry**

**ISSN:** 1524-1904

**eISSN:** 1526-4025

ASMBI - Applied Stochastic Models in Business and Industry (formerly Applied Stochastic Models and Data Analysis) was first published in 1985, publishing contributions in the interface between stochas...

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## **Archives of Control Sciences**

**ISSN:** 1230-2384

Archives of Control Sciences welcomes for consideration papers on topics of significance in broadly understood control science and related areas, including: basic control theory, optimal control, opti...

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## **Art, Science, and Engineering of Programming**

**eISSN:** 2473-7321

The Art, Science, and Engineering of Programming was created with the goal of placing the wonderful art of programming in the map of scholarly works. Many academic journals and conferences exist that...

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## **Asian Oil and Gas**

**ISSN:** 1026-6461

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## **AStA Advances in Statistical Analysis**

**ISSN:** 1863-8171

**eISSN:** 1863-818X

– Statistical Applications: The Statistical Application section features contributions where innovative forms of statistical modeling and analysis techniques are applied on novel and timely research...

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## **AUT Journal of Modeling and Simulation**

**ISSN:** 2588-2953

**eISSN:** 2588-2961

Most research and experiments in the fields of science and engineering have been spending significant efforts to extract rules from various complicated phenomena by observations, recorded data, analyt...

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## **Biology Direct**

**eISSN:** 1745-6150

Biology Direct serves the life science research community as an open access and author driven open peer review journal, providing authors and readers with an alternative to the traditional model of pe...

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## **Biomechanics and Modeling in Mechanobiology**

**ISSN:** 1617-7959

**eISSN:** 1617-7940

Mechanics regulates biological processes at the molecular, cellular, tissue, organ, and organism levels. A goal of this journal is to promote basic and applied research that integrates the expanding k...

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## **Biophysical Bulletin**

**ISSN:** 2075-3810

**eISSN:** 2075-3829

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## **BioSystems**

**ISSN:** 0303-2647

**eISSN:** 1872-8324

BioSystems encourages theoretical, computational and experimental articles that link biology, evolutionary concepts, and the information processing sciences. The journal is dedicated to developing the...

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## **BMC Systems Biology**

**eISSN:** 1752-0509

Cessation. BMC Systems Biology is an open access journal publishing original peer-reviewed research articles in experimental and theoretical aspects of the function of biological systems at the molecu...

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## **BMJ Simulation and Technology Enhanced Learning**

**eISSN:** 2056-6697

BMJ Simulation & Technology Enhanced Learning (BMJ STEL) provides a forum to share scholarly practices to advance the use of simulation and technology enhanced learning in the context of health and so...

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## **Bulletin of the South Ural State University, Series: Mathematical Modelling, Programming and Computer Software**

**ISSN:** 2071-0216

**eISSN:** 2308-0256

Series Â«Mathematical Modelling, Programming & Computer SoftwareÂ» of the South Ural State University Bulletin was created in 2008. Nowadays it is published four times a year. The basic goal of the ed...

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## **Celestial Mechanics and Dynamical Astronomy**

**ISSN:** 0923-2958

**eISSN:** 1572-9478

The international journal Celestial Mechanics and Dynamical Astronomy is concerned with the broad topic of celestial mechanics and its applications, as well as with peripheral fields. The papers publi...

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## **Cellular and Molecular Bioengineering**

**ISSN:** 1865-5025

**eISSN:** 1865-5033

The field of cellular and molecular bioengineering seeks to understand, so that we may ultimately control, the mechanical, chemical, and electrical processes of the cell. A key challenge in improving...

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## **CFD Letters**

**eISSN:** 2180-1363

CFD Letters (CFDL) publishes as rapidly as possible manuscripts of high quality which addresses eminent topics of computational fluid dynamics theory and applications. Being an international, peer-rev...

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## **Chemical Product and Process Modeling**

**eISSN:** 1934-2659

Chemical Product and Process Modeling (CPPM) is a quarterly journal that publishes theoretical and applied research on product and process design modeling, simulation and optimization. Thanks to its i...

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## **Clinical Simulation in Nursing**

**ISSN:** 1876-1399

Clinical Simulation in Nursing is an international, peer reviewed journal published online monthly. Clinical Simulation in Nursing is the official journal of the International Nursing Association for...

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## **Clodynamics**

**eISSN:** 2373-7530

Clodynamics is a transdisciplinary area of research integrating historical macrosociology, cultural and social evolution, economic history/cliometrics, mathematical modeling of long-term social proce...

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## **CMES - Computer Modeling in Engineering and Sciences**

**ISSN:** 1526-1492

**eISSN:** 1526-1506

This journal publishes original research papers of reasonable permanent value, in the areas of computational mechanics, computational physics, computational chemistry, and computational biology, perti...

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## **Coastal Engineering Journal**

**ISSN:** 2166-4250

**eISSN:** 1793-6292

Coastal Engineering Journal is a peer-reviewed medium for the publication of research achievements and engineering practices in the fields of coastal, harbor and offshore engineering. The CEJ editors...

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## **Combustion Theory and Modelling**

**ISSN:** 1364-7830

**eISSN:** 1741-3559

Combustion Theory and Modelling is a leading international journal devoted to the application of mathematical modelling, numerical simulation and experimental techniques to the study of combustion. Ar...

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## **Communication in Biomathematical Sciences**

**eISSN:** 2549-2896

Communication in Biomathematical Sciences welcomes full research articles in the area of Applications of Mathematics in biological processes and phenomena. Review papers with insightful, integrative a...

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## **Communications for Statistical Applications and Methods**

**ISSN:** 2287-7843

**eISSN:** 2383-4757

Communications for Statistical Applications and Methods (Commun. Stat. Appl. Methods, CSAM) is an official journal of the Korean Statistical Society and Korean International Statistical Society. It is...

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## **Communications in Applied Analysis**

**ISSN:** 1083-2564

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## **Communications in Nonlinear Science and Numerical Simulation**

**ISSN:** 1007-5704

The journal publishes original research findings on experimental observation, mathematical modeling, theoretical analysis and numerical simulation, for more accurate description, better prediction or...

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## **Communications in Statistics Part B: Simulation and Computation**

**ISSN:** 0361-0918

**eISSN:** 1532-4141

The Simulation and Computation series intends to publish papers that make theoretical and methodological advances relating to computational aspects of Probability and Statistics. Simulation assessment...

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## **Complex Adaptive Systems Modeling**

**eISSN:** 2194-3206

Complex Adaptive Modeling Systems will cease to be published by SpringerOpen as of December 31st, 2020, and submissions will be closed as of May 31st, 2020. SpringerOpen will continue to host an archi...

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## **Computation**

**eISSN:** 2079-3197

-computational biology, including, but not limited to: bioinformatics, mathematical modeling, simulation and prediction of nucleic acid (DNA/RNA) and protein sequences, structure and functions, mat...

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## **Computational and Mathematical Methods in Medicine**

**ISSN:** 1748-670X

**eISSN:** 1748-6718

Computational and Mathematical Methods in Medicine publishes research and review articles focused on the application of mathematics to problems arising from the biomedical sciences. Areas of interest...

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## **Computational and Mathematical Organization Theory**

**ISSN:** 1381-298X

Computational and Mathematical Organization Theory provides an international forum for interdisciplinary research that combines computation, organizations and society. The goal is to advance the state...

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## **Computational Journal of Mathematical and Statistical Sciences**

**ISSN:** 2974-3435

**eISSN:** 2974-3443

Computational Journal of Mathematical and Statistical Sciences with abbreviated as Comput. J. Math. Stat. Sci. (CJMSS) is a peer-reviewed journal dealing with mathematics, statistics, data science, an...

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## **Computational Particle Mechanics**

**ISSN:** 2196-4378

**eISSN:** 2196-4386

GENERAL OBJECTIVES: Computational Particle Mechanics (CPM) is a quarterly journal with the goal of publishing full-length original articles addressing the modeling and simulation of systems involving...

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## **Computational Social Networks**

**eISSN:** 2197-4314

Computational Social Networks showcases refereed papers dealing with all mathematical, computational and applied aspects of social computing. The objective of this journal is to advance and promote th...

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## **Computer Aided Geometric Design**

**ISSN:** 0167-8396

The journal Computer Aided Geometric Design is for researchers, scholars, and software developers dealing with mathematical and computational methods for the description of geometric objects as they a...

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## **Computer Modeling and Simulation in Engineering**

**ISSN:** 1083-3455

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## **Computer Modelling and New Technologies**

**ISSN:** 1407-5806

**eISSN:** 1407-5814

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## **Computer Research and Modeling**

**ISSN:** 2076-7633

**eISSN:** 2077-6853

The journal publishes original research papers and review articles in the field of computer research and mathematical modeling in physics, engineering, biology, ecology, economics, psychology etc. The...

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## **Computer Science**

**ISSN:** 1508-2806

**eISSN:** 2300-7036

The Computer Science Journal is published by the AGH University of Science and Technology, Krakow Poland. The Editors of the Journal are members of the Faculty of Computer Science, Electronics and...

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## **Computer Science Journal of Moldova**

**ISSN:** 1561-4042

We aim to bring important research work in the Computer Science domain to a wide international audience. Fields of research. The journal publishes original research articles and short communications o...

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## **Computers and Mathematics with Applications**

**ISSN:** 0898-1221

Computers & Mathematics with Applications provides a medium of exchange for those engaged in fields contributing to building successful simulations for science and engineering using Partial Differenti...

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## **Computers and Operations Research**

**ISSN:** 0305-0548

**eISSN:** 1873-765X

Operations research and computers interact in many scientific fields of vital importance to our society. These include, among others, transportation, economics, investment strategy, inventory control,...

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## **Computers and Structures**

**ISSN:** 0045-7949

Computers & Structures publishes advances in the development and use of computational methods for the solution of problems in engineering and the sciences. The range of appropriate contributions is wi...

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## **Computers, Materials and Continua**

**ISSN:** 1546-2218

**eISSN:** 1546-2226

This journal publishes original research papers in the areas of computer networks, artificial intelligence, big data management, software engineering, multimedia, cyber security, internet of things, m...

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## **Computing and Visualization in Science**

**ISSN:** 1432-9360

**eISSN:** 1433-0369

Devoted to computational sciences – a field of a major and continually growing importance for both research and applications, this journal provides the ideal platform for scientists eager to cooperate...

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## **Concurrent Engineering Research and Applications**

**ISSN:** 1063-293X

**eISSN:** 1531-2003

Concurrent Engineering: Research and Applications (CERA) is a leading, peer reviewed journal publishing the newest and most exciting research arising from parallelism of product life cycle functions,...

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## **Control and Cybernetics**

**ISSN:** 0324-8569

The field of interest covers general concepts, theories, methods and techniques associated with analysis, modelling, control and management in various systems (e.g. technological, economic, ecological...

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## **Control and Optimization in Applied Mathematics**

**ISSN:** 2383-3130

**eISSN:** 2538-5615

The areas of interest include the following subjects, but are not limited to: Control Theory, Optimization, Optimal Control, Robust Control, Fuzzy Control, Stochastic Systems, Control Theory in Me...

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## **Control Theory and Technology**

**ISSN:** 2095-6983

**eISSN:** 2198-0942

The Control Theory and Technology publishes high-quality papers on original, theoretical and experimental research and development in the area of systems and control, including all aspects of control...

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## **CPT: Pharmacometrics and Systems Pharmacology**

**eISSN:** 2163-8306

CPT: Pharmacometrics & Systems Pharmacology is a cross-disciplinary journal devoted to publishing advances in quantitative (e.g., modeling and simulation) methods as applied in pharmacology, physiolog...

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**eISSN:** 2452-3100

Current Opinion in Systems Biology is a new systematic review journal that aims to provide specialists with a unique and educational platform to keep up-to-date with the expanding volume of informatio...

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**ISSN:** 2451-8484

**eISSN:** 2451-8492

Data Science is an interdisciplinary journal that addresses the development that data has become a crucial factor for a large number and variety of scientific fields. This journal covers aspects aroun...

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**eISSN:** 2772-6622

Decision Analytics Journal is a forum for exchange of research findings, analysis, information, and knowledge.

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## **Dependence Modeling**

**eISSN:** 2300-2298

The journal Dependence Modeling aims at providing a medium for exchanging results and ideas in the area of multivariate dependence modeling. It is an open access fully peer-reviewed journal providing...

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**eISSN:** 2053-4701

Design Science is an international open access journal publishing original quantitative and qualitative research in the creation of artifacts and systems, and their embedding in our physical, virtual,...

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## **Discrete and Continuous Models and Applied Computational Science**

**ISSN:** 2658-4670

**eISSN:** 2658-7149

The target audience of readers now includes a wide range of readers interested in mathematical modeling, Teletraffic, queuing systems, mathematical physics, scientific programming, quantum physics, nu...

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## **Discrete Dynamics in Nature and Society**

**ISSN:** 1026-0226

**eISSN:** 1607-887X

The main objective of Discrete Dynamics in Nature and Society is to foster links between basic and applied research relating to discrete dynamics of complex systems encountered in the natural and soci...

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## **Discrete Event Dynamic Systems: Theory and Applications**

**ISSN:** 0924-6703

**eISSN:** 1573-7594

The research on discrete event dynamic systems (DEDSs) is multi-disciplinary in nature and its development has been dynamic. Examples of DEDSs include manufacturing plants, communication networks, com...

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**ISSN:** 1574-9541

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## **Electronic Journal of Applied Statistical Analysis**

**eISSN:** 2070-5948

The Electronic Journal of Applied Statistical Analysis (EJASA) is an international OPEN ACCESS and peer-reviewed journal, published half-yearly (until 2009 annually) articles which contribute new rese...

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## **Energy**

**ISSN:** 0360-5442

**eISSN:** 1873-6785

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## **Energy Systems**

**ISSN:** 1868-3967

**eISSN:** 1868-3975

Energy related problems are part of the major challenges for humanity in this century worldwide. In most countries energy is the first national priority. Energy Systems aims for mathematical programmi...

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## **Engineering Applications of Computational Fluid Mechanics**

**ISSN:** 1994-2060

**eISSN:** 1997-003X

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