

Special Issue

Theory, Methods and Applications of Boundary Value Problems

Message from the Guest Editors

The most prominent mathematicians of their time have investigated boundary value problems, starting with Sturm and Liouville. The theory of BVPs is complicated and their solutions behave strangely and do not follow a definitive trend. Due to these reasons and the fact that BVPs govern several real life problems even after two hundred years, researchers continue to study theoretical and computational aspects related to solutions of BVPs. Boundary value problems model several classes of real-life problems and they occur in almost all branches of science and engineering. The main aim of this issue is to provide a forum to promote, encourage, and bring together various disciplines which use the theory, methods, and applications of boundary value problems. We are looking for high-quality research articles regarding boundary value problems. Regular articles, review articles concerning BVPs are most welcome.

Guest Editors

Prof. Dr. Ravi P. Agarwal

Emeritus Research Professor of Department of Mathematics and Systems Engineering, Florida Institute of Technology, Melbourne, FL 32901, USA

Dr. Amit K. Verma

Associate Professor, Department of Mathematics, IIT Patna, Bihta, Dayalpur Daultapur, Bihar, India

Deadline for manuscript submissions

closed (30 June 2023)



Computation

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 4.1



mdpi.com/si/139159

Computation
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
computation@mdpi.com

[mdpi.com/journal/
computation](https://mdpi.com/journal/computation)





Computation

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 4.1



[mdpi.com/journal/
computation](https://mdpi.com/journal/computation)



About the Journal

Message from the Editor-in-Chief

You are invited to submit the results of your research for consideration and publication in *Computation*, an international open access journal, which is published monthly online by MDPI.

The editorial board and staff of *Computation* are dedicated to establishing a benchmark journal for the world scientific and engineering communities for original research articles, reviews, conference proceedings (i.e., peer reviewed full articles), and communications, in the cutting-edge areas of computational biology, computational chemistry, computational social science and computational engineering.

Editor-in-Chief

Prof. Dr. Ali Cemal Benim

Center of Flow Simulation (CFS), Department of Mechanical and Process Engineering, Duesseldorf University of Applied Sciences, D-40476 Duesseldorf, Germany

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), CAPus / SciFinder, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q2 (Mathematics, Interdisciplinary Applications) /
CiteScore - Q1 (Applied Mathematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.8 days after submission; acceptance to publication is undertaken in 5.6 days (median values for papers published in this journal in the second half of 2025).