





an Open Access Journal by MDPI

# Theory, Methods and Applications of Boundary Value Problems

Guest Editors:

### Prof. Dr. Ravi P. Agarwal

Department of Mathematics, Texas A and M University-Kingsville, Kingsville, TX 78363, USA

#### Dr. Amit K. Verma

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

Deadline for manuscript submissions:

closed (30 June 2023)

# **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.











an Open Access Journal by MDPI

# **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

# 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 quarterly 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, and computation in engineering.

## **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science),

CAPlus / SciFinder, Inspec, dblp, and other databases. **Journal Rank:** CiteScore - Q2 (*Applied Mathematics*)

### **Contact Us**