



## Open Source Codes for Numerical Analysis

Guest Editors:

**Prof. Dr. Junseok Kim**

Department of Mathematics,  
Korea University, Seoul, Republic  
of Korea

**Prof. Dr. Darae Jeong**

Department of Mathematics,  
Kangwon National University,  
Gangwon-do, Chuncheon 200-  
701, Korea

**Prof. Dr. Yongho Choi**

Department of Mathematics and  
Big Data, Daegu University, 201  
Daegudae-ro Gyeongsangbuk-  
do, Gyeongsan 38453, Korea

Deadline for manuscript  
submissions:

**closed (31 December 2020)**

### Message from the Guest Editors

Dear Colleagues,

Computational mathematics is growing rapidly with high computing power. Many researchers have developed their own computer codes for the mathematical models of various important problems. Nowadays, interdisciplinary studies are becoming more and more popular. Therefore, there is a need to incorporate other research areas into their own expertise. However, it is very difficult to implement computer codes for beginners in a new research area. In this Special Issue, we invite papers which describe a brief review of numerical methods, give detailed explanations of source code, and provide the source code itself so that readers can easily use the provided code and modify the code to suit their needs.

Prof. Dr. Junseok Kim

Prof. Dr. Darae Jeong

Prof. Dr. Yongho Choi

*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Francisco Chiclana**  
School of Computer Science and  
Informatics, De Montfort  
University, The Gateway,  
Leicester LE1 9BH, UK

## Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

## Author Benefits

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

**High Visibility:** indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

**Journal Rank:** JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

## Contact Us

---

*Mathematics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/mathematics](http://mdpi.com/journal/mathematics)  
[mathematics@mdpi.com](mailto:mathematics@mdpi.com)  
[X@MathematicsMDPI](https://twitter.com/MathematicsMDPI)