



## Selected Papers from The China-Korea-USA International Conference on Matrix Theory with Applications

Guest Editors:

**Prof. Dr. Qing-Wen Wang**

Department of Mathematics,  
Shanghai University, 99 Shangda  
Road, Shanghai 200444, China

**Prof. Dr. Zhongshan Li**

Department of Mathematics and  
Statistics, Georgia State  
University, Atlanta, GA 30302,  
USA

**Prof. Dr. Yang Zhang**

Department of Mathematics,  
University of Manitoba, Winnipeg,  
MB R2M 0T8, Canada

### Message from the Guest Editors

The China–Korea–USA International Conference on Matrix Theory with Applications (IRCTMT-AORC Joint Meeting) took place in Hainan, China, on 25–28 November 2021.

The purpose of the conference is to stimulate research and foster the interaction of researchers interested in matrix theory and its applications. The conference hopes to provide a convenient platform for the exchange of research experiences and ideas from different research areas related to matrix theory and its applications.

Topics covered include (but are not limited to) all the research areas of matrix theory and its applications.

Deadline for manuscript  
submissions:

**closed (31 March 2023)**





## 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, St. Alban-Anlage 66  
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)