

# Special Issue

## Chaos-Based Secure Communication and Cryptography

### Message from the Guest Editor

In the last decade, chaotic systems have been widely used in chaos-based encryption and chaotic secure communications due to their dynamical complexity. In this Special Issue, we are specifically seeking submissions on chaos-based secure mechanisms and applications, including chaos-based block cipher, stream cipher, public key cipher, chaos-based multimedia security, chaos-based synchronization, chaotic optical communications, the design of chaotic source, complex networks, etc. However, we do not wish to restrict this Special Issue to these particular cases, and instead, encourage submissions specifically on foundational aspects, such as the dynamical degradation of chaotic systems, security evaluation of chaotic cryptography, and chaos-based cryptanalysis, etc.

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### Guest Editor

Dr. Lingfeng Liu

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### Deadline for manuscript submissions

closed (15 October 2023)



## Mathematics

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Impact Factor 2.2  
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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Francisco Chiclana

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