



Recent Advances in Chaotic Systems and Their Security Applications, 2nd edition

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Deadline for manuscript
submissions:

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Message from the Guest Editors

Dear Colleagues,

The research on the applications of chaotic systems in security-related applications is active and constantly expanding. Researchers are using chaotic systems as a light source of pseudo-randomness in order to increase the complexity of a design, and protect it against adversaries. This refers to any situation where information must be kept or transmitted in a secure way.

The aim of this Special Issue is to advance the developments on security-related applications of chaotic systems. The topics span any research related to addressing the use of chaotic systems in information masking, encryption, cryptanalysis, secure communications, as well as hardware implementations of the above. Potential topics include the following:

- Continuous, discrete, fractional order, or quantum chaotic systems;
- Encryption of any type of data, like image, text, speech, or biomedical data;
- Random number generators;
- Watermarking;
- Compressed sensing;
- Secure communications;
- Any other security application in engineering and communications;
- Hardware implementations of the above.





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Message from the Editor-in-Chief

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