

# Special Issue

## Evolutionary Image Processing

### Message from the Guest Editors

The integration of evolutionary computation (EC) and image processing (IP) has become an important topic in Computer Engineering and has attracted the interest of many researchers. IP covers novel theory, algorithms, and architectures for the formation, capture, processing, communication, analysis, and display of images, video, and multidimensional signals for a variety of applications. On the other hand, in the field of EC, including swarm intelligence (SI) and other similar approaches, the process of natural evolution is used as a role model for a strategy for finding optimal or near-optimal solutions for a given problem, and this approach is now playing an increasingly important role in the community. Specifically, this Special Issue is focused on research that addresses IP problems using novel approaches of EC. Therefore, the purpose is to broadly engage the communities of IP and EC together and provide a forum for the researchers and practitioners related to this rapidly developing field to share their novel and original research regarding the topic of evolutionary image processing (EIP). Additionally, survey papers addressing relevant topics of EC and IP are also welcome.

### Guest Editors

Prof. Dr. Jose Santamaria

Department of Computer Science, University of Jaén, 23071 Jaén, Spain

Prof. Dr. Erik Valdemar Cuevas

Department of Electronics, Universidad de Guadalajara, Avenue Revolucion 1500, Guadalajara, Mexico

### Deadline for manuscript submissions

closed (31 May 2021)



## Mathematics

an Open Access Journal  
by MDPI

Impact Factor 2.2  
CiteScore 4.6



[mdpi.com/si/46302](https://mdpi.com/si/46302)

*Mathematics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[mathematics@mdpi.com](mailto:mathematics@mdpi.com)

[mdpi.com/journal/  
mathematics](https://mdpi.com/journal/mathematics)





# Mathematics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.6



[mdpi.com/journal/  
mathematics](https://mdpi.com/journal/mathematics)



## 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.

---

### Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,  
The Gateway, Leicester LE1 9BH, UK

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

#### Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).