

Special Issue

Topological Modeling

Message from the Guest Editor

Topological Modeling is an umbrella term that covers all shape modeling approaches that includes topological modifications. Topological modeling researchers usually borrow some relatively obscure mathematical ideas and turn them into applications to design interesting shapes. Applications include but not limited to modelling orientable 2-manifold surfaces, modeling knots and links, modelling non-orientable 2-manifold surfaces, modeling Seifert Surfaces, designing regular maps, branched covering surfaces, immersions of 3-manifolds, woven and knitted objects, and origami. The subjects also include areas related to shape construction, such as paper unfolding, and physical shape constructions with developable surfaces. Prof. Dr. Ergun Akleman

Guest Editor

Prof. Dr. Ergun Akleman

Visualization Department, Texas A&M University, College Station, TX
77843-3137, USA

Deadline for manuscript submissions

closed (20 December 2018)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 4.0



mdpi.com/si/14526

Mathematics
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

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





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 4.0



[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 17.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).