



## Discrete and Fractional Mathematics: Symmetry and Applications

Guest Editors:

**Prof. Dr. Jose M. Rodriguez**

Department of Mathematics,  
Carlos III University of Madrid-  
Leganés Campus, Avenida de la  
Universidad 30, CP-28911,  
Leganés, Madrid, Spain

**Prof. Dr. José M. Sigarreta**

Faculty of Mathematics.  
Autonomous University of  
Guerrero-Acapulco Campus,  
Calle Carlos E. Adame 54, Garita,  
Acapulco CP-39650, Guerrero,  
Mexico

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submissions:

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### Message from the Guest Editors

Dear Colleagues,

Although discrete and fractional mathematics have played an important role in Mathematics, in recent years, this role has significantly increased in several branches of these fields, including but not limited to: topological indices, molecular descriptors, domination theory, differential of graphs, polynomials in graphs, alliances in graphs, Gromov hyperbolic graphs, complex systems, discrete geometry, fractional differential equations, fractional integral operators, and discrete and fractional inequalities.

The aim of this Special Issue is to attract leading researchers in these areas in order to include new high-quality results on these topics involving their symmetry properties, both from a theoretical and an applied point of view.

Prof. Dr. Jose M. Rodriguez

Prof. Dr. José M. Sigarreta

*Guest Editors*





## Editor-in-Chief

### Prof. Dr. Sergei D. Odintsov

1. Institució Catalana de Recerca  
i Estudis Avançats (ICREA),  
Passeig Luis Companys, 23,  
08010 Barcelona, Spain  
2. Institute of Space Sciences  
(ICE-CSIC), C. Can Magrans s/n,  
08193 Barcelona, Spain

## Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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Symmetry Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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