

Special Issue

Geometrical Characterization of Symmetric and Symmetric Surfaces after Innovative Finishing Technologies

Message from the Guest Editors

Current trends in the development of metal quality assessment methods are acquiring new features. These innovations require the consolidation of traditional and new methods for assessing the quality of a metal surface. The quality of the metal surface determines the fulfillment of consumer requirements and the intensive development of production. This Special Issue of *Symmetry* publishes articles on the introduction of new technologies in the production of metals while maintaining product quality. We collect materials covering a wide range of topics, including the following: regular object shapes, irregular object shapes, reflections of the object in the image, machine vision systems, object classifications, metal surface quality, structure of systems for capturing images from a video stream, features of metal surface images, development prospects of machine vision systems, image symmetry, and surface quality.

Guest Editors

Prof. Dr. Oxana Logunova

Department of Computer Engineering and Programming, Nosov Magnitogorsk State Technical University, 455000 Magnitogorsk, Russia

Prof. Dr. Ramón Jerez Mesa

Department of Mechanical Engineering, Universitat Politècnica de Catalunya, 08034 Barcelona, Spain

Deadline for manuscript submissions

closed (30 April 2022)



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/42169

Symmetry
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
symmetry@mdpi.com

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





Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



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



About the Journal

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.

Editor-in-Chief

Prof. Dr. Sergei Odintsov

1. ICREA, 08010 Barcelona, Spain

2. Institute of Space Sciences (IEEC-CSIC), C. Can Magrans s/n, 08193 Barcelona, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within SCIE (Web of Science), Scopus, CAPus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (General Mathematics)