



Geometrical Characterization of Symmetric and Symmetric Surfaces after Innovative Finishing Technologies

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Message from the Guest Editors

Dear Colleagues,

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.





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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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