



symmetry



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Symmetry Applied in Biometrics Technology

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Advancements in sensor technology and computational power have created opportunities to build systems that mimic some human abilities. Biometric technology has immensely benefited from these developments. There have been several applications in areas, such as border control, banking, access control, etc., that use biometric modalities, such as the iris, face, fingerprint, palm print, ear, etc. The symmetrical nature of many biometric features has been exploited in some existing works to improve the accuracy of biometric systems. This gives research directions for using inner information of the ears in recognition systems. This Special Issue focuses on the application of symmetry-based biometric solutions. It encourages researchers to submit state-of-the-art theoretical and/or application-based findings, with the use of symmetry to create new biometric-based systems, as well as models or/and improve existing ones. You are welcome to submit original research or review articles.



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Special Issue



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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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