Symmetry in Engineering Sciences

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Message from the Guest Editors

Dear Colleagues,

Symmetry is a frequent pattern widely studied in different research fields. In particular, complex systems with symmetry arise in engineering science (e.g., in mechanical engineering symmetric and synchronized systems are often used to satisfy stability criteria for rotating structures; in electrical engineering the study of symmetrical and asymmetrical faults in power systems is a critical issue; in telecommunications engineering many systems are symmetrical since data speed or quantity is the same in both directions; in civil engineering the strength of the objects depend on the symmetry; in computer engineering symmetric network structures and symmetric algorithms are often studied, etc.)...

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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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