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Symmetry/Asymmetry in Wireless Communication and Sensor Networks

Guest Editor:

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Message from the Guest Editor

With the rapid increase in the wireless communication demand, the development of wireless communication systems has encountered bottlenecks. The continuous advancement of 5G commercialization and the development and application of the Internet of Things, Internet of Vehicles, wireless body area networks, and wireless sensor networks have put forward new requirements for wireless networks. In addition to the larger bandwidth and lower delay, wireless networks are also required to have a certain degree of intelligence, more efficient resource allocation algorithms, more reasonable network access methods, and more secure information safeguard measures.

Symmetry is an extraordinary characteristic which has widely been deployed in the research fields of wireless communication. This Special Issue invites original research that investigates the symmetry/asymmetry characteristics in wireless communication. We hope to spread knowledge among researchers, designers, manufacturers, and users in this exciting field with this issue.



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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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