



symmetry



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Recent Advances in Antenna Array Technologies

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Message from the Guest Editor

Dear Colleagues,

With the development of radar and wireless communication technology, the antenna array is being used more and more. Many research studies on the antenna array have focused on the high-efficiency antenna array, active-phased array, multi-beam antenna array, MIMO antenna array, and the conformal antenna array. The idea of symmetry and asymmetry is widely used in antenna and array design, such as the feeding method, antenna element design, the array layout and so on. The objective of this Special Issue is to call the researchers and engineers from academia and industry to present the state of the art of the antenna array for future radar and communication systems.

Prof. Dr. Shigang Zhou
Guest Editor



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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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