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## Emerging Data Hiding Systems in Image Communications

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### Message from the Guest Editors

This Special Issue aims to provide an advanced method or application for researchers and engineers to contribute with original research that present the state-of-the-art research outcomes toward data hiding systems. Recent advances of platform sharing and social networks have created a great amount of multimedia data, opening a new door for resolving data security issues for the explosive growth of digital data. The security in covert communications, as well as the integrity transmission of multimedia contents, is therefore an important and challenging task in multimedia modeling. Data hiding techniques, which embed data into cover objects, have been widely used in secret communication, copyright protection and authentication, whereas the steganalysis technique is the inverse technique to detect the presence of data embedment. At present, data hiding techniques are facing new challenges due to a variety of emerging applications. Therefore, in the future of digital world, it is urgent and challenging to explore the system's robustness, imperceptibility, un-detectability, capacity, and so on.



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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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