

Special Issue

Symmetry Applied in Privacy and Security for Big Data Analytics

Message from the Guest Editor

Dear Colleague, With the rapid development of information and communication technologies, the generated massive big datasets lead to an exceptional increase in research activities in big data. At present, many big data analytics tasks request the reform of mobile users' personal data protection legal framework in the context of the adoption of a General Data Protection Regulation (GDPR), which exhibits the importance of privacy and security issues in big data research. Big data security has become an indispensable requirement in our lives—not only for personal privacy, but also for exploring and the potential symmetry to assure analytics efficiency and security performance. Advanced associated technologies central to and at the periphery of this research domain include blockchain, mobile cloud/edge computing, artificial intelligence, social networks, smart healthcare, smart city, Industry 4.0, etc. This Special Issue aims to present cutting-edge research addressing privacy and security protection challenges in big data analytics.

Guest Editor

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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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