Big Data Mining and Analytics with Applications

Guest Editors:

Prof. Dr. Hongzhi Wang
Department of Computer Science and Technology, Harbin Institute of Technology, Harbin 150001, China

Prof. Dr. Ye Chen
Department of Computer Science and Technology, Hangzhou Dianzi University, Hangzhou 310018, China

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Message from the Guest Editors

In the Big Data era, the amount of data increases in exponential order, containing a range of cross-media contents, including text, images, videos, audio, and time series. Such data are derived from multiple sources, such as sensors, remote sensing, and social networks. This requires the use of Big Data systems to build complex and efficient in-depth learning models and methods. The Special Issue is searching for novel and unpublished research focused on Big Data analytics and mining techniques and applications.

This Special Issue will focus on recent theoretical, technical, and application studies for Big Data analytics and mining. Topics include but are not limited to:

- Theory and novel application scenarios for big data analytics;
- Machine learning techniques for big data analytics and mining;
- Big data analysis powered by knowledge;
- Cloud computing platform based Big Data mining;
- Novel methods and applications for time series analytics;
- Social network analysis and web mining;
- Large-scale human activities data analysis;
- Social intelligence and personal data analytics.

Special Issue

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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