Advances in Data Mining and Knowledge Discovery

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Message from the Guest Editors

The use of data mining and knowledge discovery for extracting useful information from flood data can be compared to the task of digging gold in a huge mountain. Data mining technology is an important field of AI that providing the heavy lifting for many of the most challenging problems in computer engineering. In the data mining process, it is very important to extract useful data, construct data structure, and manage data. This involves sophisticated high-tech methods that must be supported to manipulated valuable data with accuracy and time fit from flood data. The aim of this Special Issue is to provide in-depth high-tech methods related to the topic of data mining and knowledge discovery which can contribute to the development of advanced AI technology. We invite researchers to contribute original and unique papers. Topics include, but are not limited to, the following areas:

Data mining; Knowledge discovery; Knowledge intensive problem solving techniques; Knowledge networks and management; Neural networks and variations including deep learning; Brain or Bio modeling system; Hierarchical Learning models; Bayesian methods; Independent Component Analysis.

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Message from the Editor-in-Chief

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