

Special Issue

Applications of Data Mining in Computer Decision Support System and Other Related Aspects

Message from the Guest Editor

In this highly competitive and rapidly changing world, information is transmitted and stored in more and more diversified forms, and data mining technology is needed to collect or analyze large-scale data or information. Data mining is a process of extracting and discovering patterns in large data sets. It involves an intersecting method of machine learning, statistics and database systems. It is often applied in computer decision support systems. The actual data mining task is to analyze a large amount of data to extract some patterns, such as data record group (cluster analysis), anomaly record (anomaly detection) and correlation (association rule mining, sequential pattern mining). This special issue will highlight original, cutting-edge research, with a special focus on the latest research advances in data mining/computer-supported decision making. Topics of the special issue include, but are not limited to, those listed below: Artificial intelligence Databases Data mining Support decision systems Soft computing Machine intelligence

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Deadline for manuscript submissions

closed (10 March 2023)



Mathematics

an Open Access Journal
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Impact Factor 2.2
CiteScore 4.6



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About the Journal

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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