



Information Systems Modeling Based on Graph Theory

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Message from the Guest Editors

We are pleased to announce this Special Issue of the journal *Mathematics*, entitled "Information Systems Modelling Based on Graph Theory." This initiative focuses on the topic of the application of graphs and graph theories in any aspect of information systems, including information system design and modeling in organizations and large systems of information collection in science, medicine, administration, etc.

We aim to include articles containing novel applications of theoretical results on different graph models, including ordinary graphs, hypergraphs, and any kind of labeled or colored digraphs.

This Special Issue welcomes theoretical and applied contributions that address graph-theoretic algorithms, technologies, and practices.

We thus encourage you to send high-quality articles disseminating novel research achievements for this issue.





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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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