

Special Issue

New Advance of Data Science and Optimization

Message from the Guest Editor

Data science is a data-driven approach that has raised a great deal of attention in a wide range of applications, such as medical, financial, agricultural, and environmental areas. New advances of data science and optimization include statistics, computer science and mathematics. In particular, the techniques include statistical modelling, machine learning, pattern recognition, optimization, and big data processing. New advances of data science and optimization play an important role in solving current issues in any field. It provides a way to pre-process data and use the processed data as inputs to build models, and provide outputs where we can discover patterns from the data, and helps us to make decisions and strategies based on the results of the analysis. The purpose of this Special Issue is to provide a forum for researchers in the field of data science and optimization to share their original ideas and discovering in two perspectives: innovations in algorithms and modelling, and applications that solve current issues through established methodologies. Both perspectives will be considered, but not limited to these.

Guest Editor

Dr. Shuang Cang

Division of Science and Technology, BNU-HKBU United International College, Zhuhai 519088, China

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Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

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