Recent Mathematical Trends in Data Science

Guest Editors:

Dr. Steven Damelin
Department of Mathematics,
University of Michigan, Ann
Arbor, MI 48109, USA

Dr. Stanislav Harizanov
Institute of Information and
Communication Technologies,
Bulgarian Academy of Sciences
(IICT-BAS), 1113 Sofia, Bulgaria

Deadline for manuscript
submissions:
closed (31 May 2021)

Message from the Guest Editors

Data science is a fascinating interdisciplinary field whose purpose is the extraction of actionable insights from data in its many forms. Data science employs rich theories and techniques from various scientific disciplines, for example statistics, mathematics, computer science and biological science. It is a field which is evolving so rapidly it is already referred to as a discipline in its own right by many scientific communities. The aim of this Special Issue is to produce high quality research papers which cover several fascinating recent mathematical trends in data science with current and wide interdisciplinary interest with the objective to advance this discipline and find connections between different trends.

Special Issue

Editor-in-Chief

Prof. Dr. Frank Werner
Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120, D-39016 Magdeburg, Germany

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Author Benefits

Open Access : free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, ESCI (Web of Science), Ei Compendex, and other databases.
Journal Rank: CiteScore - Q2 (*Numerical Analysis*)

Contact Us