

Special Issue

Mathematical Logic and Its Applications 2020

Message from the Guest Editors

Mathematical logic is a thriving field of mathematics with a wide range of various applications. The volume accepts high-quality papers with original research in mathematical logic and applications, with the main (but not only) focus on descriptive set theory, definability, and forcing, on the one hand, and algorithmic and combinatorial optimization, including optimization by linear (or near-linear complexity) algorithms, as well as exact algorithms of low computational complexity or, by contrast, NP-hardness of the corresponding problem, on the other hand. We gladly invite papers to this Special Issue related to applications of mathematical logic to mathematical physics, mathematical biology, and theoretical medicine. These topics, both fundamental and applied, cover many important modern trends.

Guest Editors

Prof. Dr. Vassily Lyubetsky

Institute for Information Transmission Problems of the Russian Academy of Sciences, Department of Mechanics and Mathematics of Moscow Lomonosov State University, Moscow, Russia

Prof. Dr. Vladimir Kanovei

Institute for Information Transmission Problems of the Russian Academy of Sciences, Moscow, Russia

Deadline for manuscript submissions

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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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