

Special Issue

Mathematical Logic and Category Theory with Applications

Message from the Guest Editors

This Special Issue of *Mathematics*, “Mathematical Logic and Category Theory with Applications”, focuses on recent developments in category theory and mathematical logic, as well as their applications in mathematics—particularly algebra—and computer science. Suitable topics for this Special Issue include, but are not limited to, the following:

- Category theory;
- Applied category theory;
- Mathematical logic and type theory;
- Fibred categories and institutions;
- Finite model theory;
- Model theory and applications to mathematics;
- Universal algebra and algebraic logic;
- Algebraic and categorical models of non-classical logics;
- Hyperstructures in algebra and logic;
- Categorical models of geometry

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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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