Lie Theory and Its Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Lie theory is one of the most active domains of mathematical research, with a long history and a wide range of applications both within and outside mathematics. Its inception dates back to the work of Sophus Lie, who used continuous symmetries in studying differential equations. Nowadays, Lie theory interacts with many branches of pure and applied mathematics. In particular, the representation theory of Lie theoretic objects is a vast source of interesting ideas that interconnect abstract algebra, topology, combinatorics, and category theory.

The goal of this Special Issue is to publish articles on the latest advancements in Lie theory and its applications. Submitted manuscripts should meet high standards of exposition and mathematical precision.

Prof. Dr. Hadi Salmasian
Guest Editor

Special Issue

Editor-in-Chief

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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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