Special Issue

New Perspectives in Lie Algebras

Message from the Guest Editor

Lie algebras constitute one of the most versatile tools in modern mathematics, appearing in many different disciplines like Mechanics, Differential Geometry, Differential Equations or Quantum Theories, being also a relevant technique in Control Theory or Robotics, among others. We invite researchers to contribute either original papers or review articles concerning currently open problems within the theory of Lie algebras/superalgebras, finite or infinite, and/or dealing with its applications in other disciplines, including engineering sciences. Articles with strong geometrical backgrounds or describing new computational methods in representation or structural theory, as well as in applications, are especially welcome. Beyond the forementioned topics, the Special Issue is also open to receiving further ideas and applications.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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