

Special Issue

Advances in Linear Algebra with Applications

Message from the Guest Editor

Linear Algebra is the discipline of mathematics dealing with linear equations, linear maps, and their representations in vector spaces and through matrices. The Gaussian elimination procedure can be considered the birth of the discipline. Systems of linear equations were related to what is now called Cartesian geometry. In this sense, lines and planes are represented by linear equations, and their intersections can be computed by solving systems of linear equations. Linear algebra has undergone great development since its beginnings, extending its applications beyond Cartesian geometry. The main purpose of this Special Issue of *Axioms* is to gather recent results with applications of linear and multilinear algebra. In this sense, the application of methods of numerical linear algebra in Science, Engineering, and Economics are welcome. We cordially invite you to present your recent contributions to this Special Issue.

Guest Editor

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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.

Editor-in-Chief

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