

Special Issue

Current Trends in Nonlinear Partial Differential Equations

Message from the Guest Editors

Nonlinear partial differential equations (PDEs) constitute one of the most active and influential research areas in modern mathematics. They provide fundamental mathematical models for a wide range of phenomena in the natural sciences, engineering, economics, and other disciplines, while also giving rise to challenging theoretical problems that stimulate the development of new analytical techniques and mathematical theories. This Special Issue aims to provide a forum for presenting current advances, new methodologies, and emerging trends in nonlinear partial differential equations. We welcome original research articles and comprehensive review papers that contribute to the theoretical analysis, computational methods, and mathematical modeling of nonlinear PDEs. Particular emphasis is placed on rigorous mathematical analysis, innovative analytical techniques, and interdisciplinary applications that promote further developments in this rapidly evolving field.

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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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