

Special Issue

New Trends in Nonlinear Analysis

Message from the Guest Editor

Nonlinear analysis is an area of mathematics which is influenced by nonlinear problems occurring in physics, biology, computer science, mechanics, economics etc. Its scope is much wider than that of linear system analysis, as most problems arising in the natural or social sciences are not necessarily linear. This Special Issue is focused on the latest developments in nonlinear analysis and its applications. Nonlinear analysis falls within the general area of nonlinear functional analysis—an area which has been of increasing research interest in recent years. Nonlinear analytical theory applies to diverse nonlinear problems in many areas, such as differential equations, nonlinear ergodic theory, optimization problems, control theory, variational inequality problems, equilibrium problems, and split feasibility problems. This Special Issue will reflect both the state-of-the-art theoretical research and important recent advances in applications. In addition to the topics listed below, high-quality articles on new concepts, methods, algorithms, and applications to various branches of science will equally be entertained.

Guest Editor

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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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