

# Special Issue

## Iterative Methods for Solving Nonlinear Equations and Systems

### Message from the Guest Editors

Solving nonlinear equations and systems is a non-trivial task that involves many areas of Science and Technology. Usually, it is not affordable in a direct way, and iterative algorithms play a fundamental role in their approach. This is an area of research that has experienced exponential growth in the last years. The main theme of this Special Issue, which is not the unique, is the design, analysis of convergence, and stability and application of new iterative schemes for solving nonlinear problems to practical problems. This includes methods with and without memory, with derivatives or derivative-free, with real or complex dynamics associated with them and an analysis of their convergence that can be local, semi-local, or global.

### Guest Editors

Prof. Dr. Juan Ramón Torregrosa Sánchez

Prof. Dr. Alicia Cordero

Dr. Fazlollah Soleymani

### Deadline for manuscript submissions

closed (30 September 2019)



## Mathematics

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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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### Editor-in-Chief

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