

## Special Issue

# Numerical Algorithms for Solving Nonlinear Equations and Systems 2017

### 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 seen an exponential growth in the last few years. The main theme of this Special Issue is the design, analysis of convergence and application to practical problems of new iterative schemes for solving nonlinear problems. This includes methods with and without memory, with derivatives or derivative-free, the real or complex dynamics associated to them and an analysis of their convergence that can be local, semi-local or global.

Dr. Juan R. Torregrosa

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### Guest Editors

Prof. Dr. Alicia Cordero  
Prof. Dr. Juan Ramón Torregrosa Sánchez  
Dr. Francisco I. Chicharro

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### Deadline for manuscript submissions

closed (31 May 2017)



## Algorithms

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## About the Journal

### Message from the Editor-in-Chief

*Algorithms* are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

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### Editor-in-Chief

Prof. Dr. Frank Werner

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