



## Numerical Algorithms for Solving Nonlinear Equations and Systems

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### Message from the Guest Editors

Dear Colleagues,

Solving nonlinear equations and systems is a non-trivial task that involves many areas of science and technology. Usually, directly generating solutions to such equations and systems is not affordable. Thus, iterative algorithms play a fundamental role. This is an area of research that has experienced exponential growth in recent years.

The main theme of this Special Issue (but not the exclusive one) is the design and analysis of convergence and the applications 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 with such methods, and an analysis of their convergence, which can be local, semi-local or global.

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## Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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