

Special Issue on Iterative Methods and Applications 2014

Call for Papers

An important branch of nonlinear analysis theory, applied in the study of nonlinear phenomena, in engineering, physics, and life sciences, is related to the existence of fixed point of nonlinear mappings to the approximation of fixed points of nonlinear operators and of zeros of nonlinear operators and to the approximation of solutions of variational inequalities.

This special issue is focused on the latest achievements in these topics and the related applications. The aim is to present the newest and extended coverage of the fundamental ideas, concepts, and important results on the topics below. Potential topics include, but are not limited to:

- New iterative schemes to approximate fixed points of nonlinear mappings, common fixed points of nonlinear mappings, or semigroups
- Iterative approximations of zeros of accretive-type operators
- Iterative approximations of solutions of variational inequalities problems or split feasibility problems and applications
- Optimization problems and their algorithmic approaches
- Methods for the global continuation of fixed-point curves in engineering problems
- Fixed point of nonlinear operators in cone metric spaces with applications and fixed point of nonlinear operators in ordered metric spaces with applications

Manuscripts submitted will be considered for publication with the understanding that the same work has not been published and is not under consideration for publication elsewhere.

Before submission authors should carefully read over the journal's Author Guidelines, which are located at <http://www.hindawi.com/journals/jam/guidelines/>. Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jam/itma14/> according to the following timetable:

Manuscript Due	Friday, 6 June 2014
First Round of Reviews	Friday, 29 August 2014
Publication Date	Friday, 24 October 2014

Lead Guest Editor

Giuseppe Marino, Dipartimento di Matematica, Università della Calabria, Cosenza, Italy; giuseppe.marino@unical.it

Guest Editors

Claudio H. Morales, Department of Mathematics, University of Alabama in Huntsville, Huntsville, AL, USA; morales@uah.edu

Luigi Muglia, Dipartimento di Matematica, Università della Calabria, Cosenza, Italy; muglia@mat.unical.it

D. R. Sahu, Department of Mathematics, Banaras Hindu University, Varanasi, India; drsahudr@gmail.com

Filomena Cianciaruso, Dipartimento di Matematica, Università della Calabria, Cosenza, Italy; cianciaruso@unical.it