

SPECIAL ISSUE ON PROBLEMS, METHODS AND APPLICATIONS OF NONLINEAR ANALYSIS

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DESCRIPTION

This special issue in *Open Mathematics* focusses on the theme of nonlinear problems from the point of view of mathematical analysis. It is therefore meant to embrace various topics such as, but not only:

- ▶ degree and Morse theory
- ▶ variational and monotonicity methods
- ▶ regularity and a-priori estimates
- ▶ optimal design and calculus of variations
- ▶ mathematical modeling
- ▶ numerical analysis of nonlinear phenomena

Review articles reporting the state-of-art and history of a particular nonlinear problem are especially welcome.

Authors are requested to submit their full revised version of papers complying the general scope of the special issue. The submitted papers will undergo the standard peer-review process before they can be accepted. Notification of acceptance will be communicated as we progress with the review process.

HOW TO SUBMIT

Before submission authors should carefully read the Instruction for Authors:

https://www.degruyter.com/view/supplement/s23915455_Instruction_for_Authors.pdf

Manuscripts can be written in TeX, LaTeX (strongly recommended) - the journal's [LATEX template](#). Please note that we do not accept papers in Plain TEX format. Text files can be also submitted as standard DOCUMENT (.DOC) which is acceptable if the submission in LATEX is not possible. **For an initial submission, the authors are strongly advised to upload their entire manuscript, including tables and figures, as a single PDF file.**

All submissions to the special issue must be made electronically via online submission system Editorial Manager: <https://www.editorialmanager.com/openmath/>

All manuscripts will undergo the standard peer-review process (single blind, at least two independent reviewers). When entering your submission via online submission system please choose the option "*SI on Problems, Methods and Applications of Nonlinear Analysis*".

The 1st part of this special issue will be published in Volume 18 (2020). **The deadline for submissions to the 2nd part is 28 February 2021.** Individual papers will be reviewed and published online on an ongoing basis.

Contributors to this special issue will benefit from:

- ▶ critical peer-review
- ▶ quick publication after the acceptance
- ▶ content converting to xml
- ▶ Open Access - free, unrestricted and permanent access to all the content
- ▶ liberal policies on copyrights (authors retain copyrights) and on self-archiving (no embargo periods)
- ▶ promotion of published papers to readers and citers
- ▶ long-term preservation - content archiving with Portico

We are looking forward to your submission !!!

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