

# PROBLEMS, METHODS AND APPLICATIONS OF NONLINEAR ANALYSIS

## GUEST EDITORS

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**Stefano Biagi**, Polytechnic University of Milan, Italy, [stefano.biagi@polimi.it](mailto:stefano.biagi@polimi.it)

**Gennaro Infante** (lead Guest Editor), University of Calabria, Italy, [gennaro.infante@unical.it](mailto:gennaro.infante@unical.it)

**Serena Matucci**, University of Florence, Italy, [serena.matucci@unifi.it](mailto:serena.matucci@unifi.it)

**Paola Rubbioni**, University of Perugia, Italy, [paola.rubbioni@unipg.it](mailto:paola.rubbioni@unipg.it)

## DESCRIPTION

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This Special Issue of [Demonstratio Mathematica \(DEMA\)](#) 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.

The authors are requested to submit their full research papers complying with the general scope of the journal. The submitted papers will undergo peer-review process before they can be accepted. Notification of acceptance will be communicated as we progress with the review process.

## HOW TO SUBMIT

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Before submission authors should carefully read the [Instruction for Authors](#).

Manuscripts can be written in TeX, LaTeX (strongly recommended). 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.** Authors are strongly advised to submit the final version of the paper using the journal's [LATEX template](#).

All submissions to the Special Issue must be made electronically via [online submission system](#) Editorial Manager and will undergo the standard peer-review process (single blind, at least two independent reviewers). When entering your submission choose the section/category "Special Issue on Problems, Methods and Applications of Nonlinear Analysis".

Submission of a manuscript implies that the work described has not been published before and it is not under consideration for publication elsewhere.

**The deadline for submissions is 20<sup>th</sup> March 2022**, but individual papers will be reviewed and published online on an ongoing basis.

Contributors to the Special Issue will benefit from:

- ▶ indexation in **Web of Science** (currently *Emerging Sources Citation Index*, but beginning with JCR 2021 (published in June 2022) in *Science Citation Index Expanded* with IF), **SCOPUS**, **zbMATH**, **MathSciNet**
- ▶ comprehensive and transparent peer review provided by experts in the field
- ▶ no space constraints
- ▶ **no submission charge**; article publication charge - **discounts** can be applied on request\*
- ▶ publication soon after the acceptance (**continuous publication model**)
- ▶ better visibility due to **Open Access**
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We are looking forward to your submission!

In case of any question please contact:

**Prof. Gennaro Infante** (lead Guest Editor), [gennaro.infante@unical.it](mailto:gennaro.infante@unical.it)  
**Dr. Justyna Żuk** (Managing Editor of DEMA), [justyna.zuk@degruyter.com](mailto:justyna.zuk@degruyter.com)