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EQUILIBRIUM PROBLEMS:
FIXED-POINT AND BEST PROXIMITY-POINT APPROACHES

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DESCRIPTION

This Special Issue in <u>Demonstratio Mathematica</u> focusses on the study of solutions to equilibrium problems restated in the form of equivalent fixed-point and best proximity-point problems. The theoretical existence and numerical approximation of such a kind of equilibrium solutions play a crucial role in practical problems of physical, economics and engineering sciences. We aim to report the latest studies available on both the qualitative and quantitative characterizations of solutions, from the point of view of mathematical analysis and numerical analysis.

Potential topics include but are not limited to the following:

▶ Topological degree and fixed point index theories
▶ Ulam's type stability analysis of functional equations
▶ Fixed-point iteration processes and convergence analysis
▶ Fixed-point and best proximity-point problems in abstract spaces
▶ Mathematical modeling and control of nonlinear systems
▶ Solutions and approximate solutions of functional, integral and differential equations and inclusions

We are also interested in survey articles summarizing the evolution of specific problems.

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, available online at: https://www.degruyter.com/view/supplement/s23914661_Instruction_for_Authors.pdf

Manuscripts have to be written in LATEX, AMS-TEX, AMS-LATEX. We do not accept papers in Plain TEX format. **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 <u>LATEX template</u>.

All submissions to the Special Issue must be made electronically via <u>online submission system</u> 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 Equilibrium Problems".

The deadline for submissions is 15th March 2021, 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 (Emerging Sources Citation Index)** and **SCOPUS**
- ▶ comprehensive and transparent peer review provided by experts in the field
- ▶ no space constraints
- ▶ **quick publication** after completing the publishing process **(continuous publication model)**
- ▶ better visibility due to **Open Access**
- ▶ **long-term preservation** of the content (articles archived in Portico)

We are looking forward to your submission!

In case of any question please contact Dr. Justyna Żuk, Managing Editor of DEMA, Justyna.Zuk@degruyter.com.