Special Issue

Numerical Optimization for Electromagnetic Problems

Message from the Guest Editors

We cordially invite you to submit your articles to the Special Issue of *Mathematics* entitled "Numerical Optimization for Electromagnetic Problems". The title of the Special Issue not only reflects the topicality of the Special Issue itself but is also associated with the 17th International Workshop on Optimization and Inverse Problems in Electromagnetism 2023 that will take place in Graz, Austria from 17–20 September 2023. Our aim is to discuss and share recent developments in optimization and inverse methodologies and their applications to the design and working principle of electromagnetic devices. A special focus will be put on topology optimization and optimal energy management. We would like to invite authors to submit an extended version of their conference papers for this Special Issue. However, we want to mention that **this Special Issue is also open to submissions from authors who are interested in the topic but did not attend the workshop**.

Guest Editors

Prof. Dr. Manfred Kaltenbacher

Dr. Peter Gangl

Dr. Alice Reinbacher-Köstinger

Deadline for manuscript submissions

closed (29 February 2024)

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

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