

Special Issue

Mathematical Methods in Intelligent Medical Image Processing

Message from the Guest Editors

The field of intelligent medical image processing has witnessed remarkable advancements. These have largely been driven by the application of sophisticated mathematical methods. This Special Issue, "Mathematical Methods in Intelligent Medical Image Processing", aims to explore the intersection of mathematics and medical imaging to enhance image quality, improve diagnostic accuracy, and facilitate automated analysis. This Special Issue will cover a broad range of topics, including the following:

- Mathematical models, statistical methods, and optimization techniques in medical imaging.
- Machine learning or deep learning techniques tailored for medical imaging applications.
- Other advanced algorithms for medical image reconstruction, processing, and analysis.

This Special Issue will serve as a valuable resource for researchers, clinicians, and practitioners interested in the latest mathematical approaches in medical image processing. By fostering a deeper understanding of these methods, we hope to inspire further research and innovation in this dynamic and rapidly evolving field.

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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.

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