





an Open Access Journal by MDPI

Mathematical Analysis in Materials Science and Spectral Theory

Guest Editors:

Dr. Hongjie Li

Department of Mathematics, The Chinese University of Hong Kong, Shatin, Hong Kong, China

Dr. Xianchao Wang

School of Mathematics, Harbin Institute of Technology, Harbin 150001, China

Deadline for manuscript submissions: **closed (30 November 2023)**

...

Message from the Guest Editors

Dear Colleagues,

Materials science is an interdisciplinary field focused on the investigation and engineering of novel materials. Mathematical analysis plays a fundamental role in the development of a comprehensive understanding of material mechanisms. Thus, this Special Issue is dedicated to original research and reviews on mathematical analysis in materials science and spectral theory. Topics of interest include inverse problems, imaging, partial differential equations, spectral analysis, numerical analysis and scientific computing, and machine learning in material science.











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The iournal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering sociology. particularly those that and 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank: JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Contact Us