

Updated Aims and Scope of Foundations

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1. Reassessment of Aims and Scope

Foundations published its inaugural issue in 2021, establishing itself as a new international open access, peer-reviewed, multidisciplinary journal of science and technology, covering mathematics, physics, chemistry, biology, engineering, earth sciences, materials, information sciences, and medical sciences. While the journal has received numerous high-quality submissions during the past three years, some topics have not attracted such strong contributions. It thus became apparent that the original scope of *Foundations* was too broad. Hence, after a careful re-evaluation of the situation, the Editor-in-Chief and MDPI have decided to narrow the scope of *Foundations* to three areas: mathematics, chemistry, and physics. The Editorial Board of *Foundations* has been adjusted accordingly.

2. New Aims

Foundations is an international, peer-reviewed, open access journal on mathematics, physics and chemistry published quarterly online by MDPI. Our aim is to provide an advanced forum for scientists to share their research or ideas to promote the innovation of fundamental research related to natural sciences and high technologies. The journal welcomes all related studies within the scope, whether they be original research articles, reviews, communications, perspectives, opinions, or protocols. There is no restriction on the maximum length of submissions. A full account of the research must be provided so that the results can be reproduced. Electronic files or software which provide full details of the calculations, proofs, and experimental procedures can be deposited as supplementary material if they cannot be published in the usual way.

3. New Scope

3.1. Mathematical Sciences

- Algebra and Geometry.
- Computational Mathematics.
- Difference and Differential Equations.
- Dynamical Systems.
- Engineering Mathematics.
- Financial Mathematics.
- Functional Integration.
- Fuzzy Set Theory.
- Mathematical Physics.
- Mathematics and Computer Science.
- Network Science.
- Probability and Statistics Theory.
- Theoretical and Mathematical Ecology.

3.2. Physical Sciences

- Classical mechanics and electrodynamics.
- Quantum mechanics.
- Atomic, molecular, and optical physics.



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- Physics of plasmas and gases.
- Condensed matter physics.
- Nuclear physics.
- Physics of elementary particles and fields.
- Astronomy and astrophysics (including cosmology).
- Interdisciplinary physics.

3.3. Chemical Sciences

- Analytics and Detection.
- Astrochemistry.
- Bioinorganics.
- Biological and Natural Products.
- Catalysis.
- Crystallography.
- Electrochemistry.
- Green and Environmental Chemistry.
- Inorganic Materials and Polymers.
- Medicinal Chemistry.
- Photochemistry and Photophysics.
- Radiochemistry.
- Supramolecular Chemistry.
- Theoretical Chemistry.

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