



Physics Contributions to Mathematical Developments

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Message from the Guest Editor

The purpose of this Special Issue is to contribute to the rich history of the active role played by physics in the development of new techniques that contribute to advances in pure and applied mathematics. Submissions on these topics are welcome. In particular, we expect the contribution of a chapter reviewing the rich history in the field, e.g., developments in statistical mechanics, electromagnetism and/or universal gravitational theory that have contributed to further developments in the ever-growing field of mathematics. Also welcome are new developments in field theory, solutions to nonlinear differential equations, and matrix and number theory related intimately to the field of physics. This chapter extension is expected to contain 30 to 50 pages, possibly including a glossary, as well as an introduction and clearly defined sections.





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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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