

Special Issue

Analytic and Numerical Methods for Magnetohydrodynamics (MHD)

Message from the Guest Editor

The magnetohydrodynamics (MHD) is a well-known and important topic in plasma physics. It has numerous scientific applications which include astrophysics, nuclear fusion modelling and magnetic drug targeting in mathematical biology. Tremendous progress has been made by various mathematicians on the mathematical theories of the magnetohydrodynamic equations, yet some of the fundamental questions, such as the well-posedness problem and the dynamics of singularities remain as interesting and challenging open problems in mathematics.

Guest Editor

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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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