

Special Issue

Recent Developments in Analytical/Computational Methods for Forward/Inverse Problems Appearing in Tokamak

Message from the Guest Editor

The goal of this special issue is to gather recent results in analytical/computational methods for various problems involving the stable operation of a Tokamak. This special issue invites various recent works that deals with the static equilibrium within Tokamak. Recent works may also include 1. Analytical/computational for the solution of the free-boundary Grad-Shafranov equation within both plasma and the vacuum region. 2. Identification of the boundary of the plasma for various cross-sections including circular and D-shaped Tokamak. 3. Discussions on open mathematical problems related to Tokamak with various cross-sections.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2022)



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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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