Special Issue

Applied Mathematics in Astrophysics and Space Science

Message from the Guest Editors

Human activities in industry and agriculture cause a negative impact on the Atmosphere of the Earth. The mathematical and computational methods may be used as efficient tools to predict, for example, the dynamics of pollutants in the Earth atmosphere and compute trajectories of the space debris. Therefore, we would like to devote this Special Issue: "Applied Mathematics in Astrophysics and Space Science of Mathematics", to Mathematical Physics/Engineering related to Astrophysics and Space Science in a broad scope. It includes, but not limited to, Mathematical Physics/Engineering and Computational Mathematics. Theoretical Analysis, Modeling and Simulation as well as Detection, Measurements, Instrumentation and Statistics with mathematical and computational background are also within the scope of this Special Issue. Computational Finance may also be relevant to the Special Issue, if the content of the study is closely related to the above subjects. We would like to encourage researchers specializing in Astrophysics and Space Science to contribute their state of the art to the Special Issue.

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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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