Special Issue

Mathematical Methods in Spacecraft Relative Motion

Message from the Guest Editors

The problem of spacecraft relative motion dates back to the early 1960s, when Clohessy and Wiltshire published their celebrated work on satellite rendezvous. Since then, spacecraft relative dynamics, control, and navigation have played an increasingly important role in distributed space systems. A number of issues have arisen accordingly, along with interdisciplinary studies and emerging mission applications. To this end, this Special Issue is committed to providing a collection of papers pertaining to the latest progress in spacecraft relative motion fields and, in particular, the associated mathematical methods. Review papers that provide a comprehensive view of a relevant subject are also welcome.

Guest Editors

Dr. Wei Wang

Dr. Zhaohui Dang

Dr. Jihe Wang

Dr. Chengxi Zhang

Dr. Ran Sun

Deadline for manuscript submissions

closed (29 February 2024)

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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