



Space Trajectory Planning

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Message from the Guest Editors

Space trajectory planning has a clear application background and distinctive interdisciplinary characteristics. It plays an important role in giving the desired path to the controller, in order to achieve good performance. Additionally, nowadays, space tasks tend to be more complicated with higher requirements. Specifically, with multiple constraints and objectives, trajectory planning is quite challenging

This feature topic solicits papers focusing on the role space trajectory planning will play in advancing human exploration in the near-earth region as well as deep space, endeavouring to identify critical issues and provide feasible solutions in this field. Areas of interest include, but are not limited to, the following:

- spacecraft trajectory planning
- space trajectory optimization
- orbit dynamics and control
- dynamic trajectory planning
- multi-objective optimization
- space manipulator trajectory planning





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Message from the Editor-in-Chief

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