

List of Publications and Communications

The following are the research publications that resulted from the present thesis work.

- 1 Controllability Analysis of Motion of Artificial Satellite Under the Effect of Oblateness of the Earth, Tuijin Jishu/Journal of Propulsion Technology, Vol. 44 No. 4 (2023).
- 2 Trajectory Controllability of Artificial Satellite Under the Effect of Oblateness of Earth, Tuijin Jishu/Journal of Propulsion Technology, Vol. 44 No. 3 (2023).

List of Conference Presentations

The following are the presentations made in the National and International Conferences.

- 1 Presented the paper entitled "Controllability of Motion of Artificial Satellite under the Effect of Zonal Harmonic J_2 " in the National Conference on Computational Mathematics organized by the National Institute of Technology, Puducherry, Karaikal on 22-23rd December, 2022.
- 2 Presented the paper entitled "Trajectory Controllability of Artificial Satellite Under the Effect of Oblateness of Earth" in the International Symposium on Mathematical Analysis of Fractals and Dynamical Systems-2023 organized by Vellore Institute of Technology, Vellore on 24-24th August, 2023.