

# Review of: "ALR\_Sim\_tracks - trajectory simulator software to assist the search for favourable trajectories for the exploration of the triple Asteroid 2001-SN263 from the Laser Altimeter point of view"

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**Potential competing interests:** No potential competing interests to declare.

This paper provides a detailed overview of the trajectory simulation software ALR\_Sim\_tracks, which is based on geometric considerations. The primary objective of this software is to assess externally generated trajectories derived from the principles of dynamics.

## Advantages:

Thoroughly explains the principles and implementation of the software.

## Drawbacks and Comments:

In the first section of the paper, there could be a stronger emphasis on the main contributions of this work, including innovative aspects and comparisons with similar works.

While some figure captions contain relevant explanations, not all figures throughout the entire paper follow this pattern; it is advisable to maintain consistency throughout.

Regarding the performance of the software, could introduce quantitative analyses, such as simulation accuracy, prerequisites, and applicable scenarios, could enhance the evaluation.

In comparison with similar research topics, further exploration of the strengths and weaknesses of this paper could be beneficial.