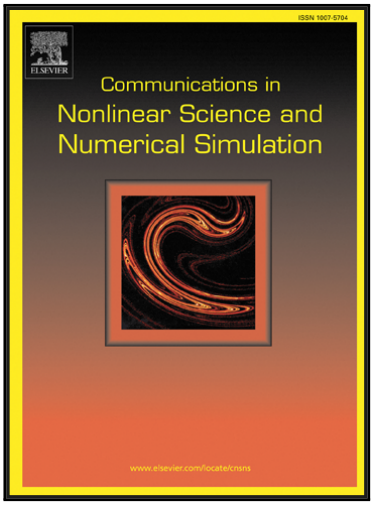

An Efficient Algorithm for Global Periodic Orbits Generation near Irregular-Shaped Asteroids

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Highlights

- The manuscript is submitted to some native English speakers (ELSVIER English language services) to improve the readability.
- The discussion and comparison with classical grid search methods are added to stress the novelty of our approach
- The results are analyzed and classified according to the topological structures of the POs and compared with Baoyin's work.
- The potential applications of the obtained POs in asteroid exploration missions are discussed such as space observation and ballistic landing