

Annotation

This graduation project describes acquaintance with star sensors as one of the instruments for orienting a spacecraft and analysis of mathematical and software modeling of a star sensor. The task is to study the mathematical software of the orientation system in outer space and the software simulation complex of the star sensor, which will be considered in the technical part of the work. In the economic part, the project was technically and economically investigated, and the payback period of the software product manufacturing project was calculated.