

Annotation

In this thesis, a study is conducted of balancing the movement of a flexible robot and their analysis methods. According to initial data, mechanical calculations were performed taking into account the tools of flexible robotics used in production. For electronics, an electronic circuit was built in the Proteus program using balancing devices such as potentiometers and accelerometers.

In support of the main directions of the thesis work calculations were performed.

Based on the data provided, re-grounding and funds for the implementation of this project were calculated.