

Annotation

The aim of the graduation project is to develop a mobile, six-legged walking - hexapod robot for video shooting and conduct research on it. In the graduation project, a review of common walking and mobile robots was conducted. The advantages and disadvantages of the device were taken into account. The principles and extent of hexapod application are considered.

Using the SolidWorks program, a 3D model was built for the hexapod and its structures. The hexapod was tested and a circuit diagram was built on it. In the chapter on life safety, he calculated natural and artificial lighting, as well as air conditioning in the production room. In the economic part, he calculated the cost of manufacturing hexapod and its economic efficiency.