

## **Annotation**

In this diploma work, a two-legged walking platform was built. The types of platforms and their application are considered. An experimental model of a two-track platform was developed. The thesis is based on the principles of movement and application of the robot.

In this project, it is possible to visualize kinematic schemes using the Proteus Design Suite program by the end of the hexapod. In addition, the SolidWorks program built a 3D representation model of a two-track platform.

In the section life Safety, protection against electromagnetic fields in industrial premises and mechanical air exchange of the fan were calculated.

In the economic part, the costs of creating a two-window platform and its economic efficiency are calculated.