

ANNOTATION

The theme of this diploma project is «Design of a teleoperated mobile manipulator».

The purpose of the final work is to develop the design and control system of the manipulation robot.

The design of an industrial manipulator using servo drive has been developed. The programs AutoCAD, 3D max, Cura 4.0, compass were used during the work. The assembly of the model robot arm made of plastic. Tests were performed. Various control algorithms have been developed.

The manipulator arm can be used to move objects in the working area of the manipulator.