

## Annotation

The diploma project provides for the «Creation of logic circuits and organization of laboratory work in the Multisim program». The project includes a general description of the Multisim program and five laboratory work. Laboratory work includes bipolar transistors, transistor amplifiers and logic schemes. Multisim tasks are performed by assembling schemes.

In the department of life safety, where the tasks were performed, the level of lighting and noise acceptable for the educational institution was calculated.

For the section of economics, the costs, cost and economic efficiency necessary for the project were calculated.