

Abstract

The purpose of this diploma project is to give an exhaustive review of the history of the system "Smart House", its relevance and prospects, its typology, structures, control devices, switching components, in particular, sensors.

Calculations were made to determine the reliability of the devices on the output data. The economic part of the diploma calculates the technical and economic indicators of the project, the benefits and costs of a simple system "Smart House", installed in the house. Organizational and technical measures were taken to ensure safety, as well as safety issues and emergency evacuation.