Abstract

In this diploma it is developed the smart gloves which based on resistive and gyroscopic sensors, as well as using a microcontroller. A review of theoretical materials on the existing gesture recognition systems was performed. In the course of the graduation project, the radio electronic and schematic diagram of the device was designed, and a program was written to control the microcontroller in the C ++ programming language. Life safety calculations and cost-effectiveness calculations for creating smart gloves were created.