

ANNOTATION

This thesis is devoted to checking the security of contactless cards. The principle of radio frequency identification, classification of low-frequency and high-frequency cards was studied. ISO / IEC 14443 contactless card operation is described. Investigated the vulnerability of RFID cards, HID and Mifare. Methods of protection against cloning are also considered.

In the Chapter of life safety, the lack of lighting for comfortable working conditions is calculated. And in the economic part of the calculation of the cost of this work.