

DEVICES OF PROTECTION OF INFORMATION IN ELECTRONIC EQUIPMENT

The discipline is devoted to information theory, physical and organizational and methodological aspects of the preservation of information. In the discipline are considered: issues of detection of possible leakage channels, the basic methods and technical means of protection, search, neutralization and elimination of leakage paths. The students acquire basic knowledge of the theory of information (quantitative characteristics of information entropy), channels of information leakage and basic methods of physical protection against leakage by stray electromagnetic radiation, as well as specifications and schematics, reduce leakage. In addition, students acquire skills in the justification of the protection system using the methods of peer review, as well as in the calculation of the reliability of the authentication information.