

Документ подписан простой электронной подписью

Информация о владельце:

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Discipline annotation

Discipline name	Биометрические способы идентификации / Biometric authentication methods
Summary	General principles of construction and characteristics of biometric systems. Recognition of a person by fingerprints. Recognition of a person by face image. Recognition of a person by individual signs of the eye. Recognition of a person by thermograms. Recognition of a person by the shape of the hand and the pattern of the veins of the palm. Recognition of a person by the features of the voice. Recognition of a person by keyboard handwriting. The structure of an integrated security system when using biometric devices. Digital signal and image processing methods used in biometric systems.
Learning outcomes of the discipline	- distinguishes means and methods for ensuring protection against unauthorized access to facilities and CMTN, principles for constructing means and systems for protecting facilities and CMTN against unauthorized access; - organizes and conducts the installation and configuration of the CMTN, as well as means and systems for protecting the CMTN against unauthorized access; - organizes and carries out the installation and configuration of the CMTN, as well as software and hardware (including cryptographic) and technical means and systems for protecting the CMTN against unauthorized access;
Workload, c. u.	4 c. u.
Reporting Forms	Graded - 4th semester
List of essential and supplementary literature necessary for mastering the discipline	
Essential literature	1. Vorona, V. A., V. A. Tikhonov, Access control and management systems / V. A. Vorona. - Moscow: Goryachaya linia-Telecom, 2014. - 272 p.: ill. - (Ensuring the safety of objects). - Bibliography: p. 266-268
Supplementary literature	1. Methods of biometric authentication on the course "Hardware and software for ensuring information security": Methodological guide / Ministry of Education and sciences of the Russian Federation, Federal Agency for Education, State. educational institution of higher prof. education Taganrog state Radiotechnical University / Comp. by O. B. Makarevich, L. K. Babenko, E. P. Tumoyan. - Taganrog: TSRU, 2004. - 56 p. 2. Lepeshkin O. M. Integrated security equipment and technical means of fire and security alarms / Zhuk / Lepeshkin. - Moscow: 2013, Helios ARV. – 288 p. 3. Petrov V. A., Piskarev S. A., Shein A. V. Information security Protection of information against unauthorized access in automated systems. - M., 2014. - 562 p.