

МИНОБРНАУКИ РОССИИ

Федеральный исследовательский центр «Информатика и управление» РАН
Национальный комитет РАН по распознаванию образов
и анализу изображений

Институт информационных технологий Министерства науки и образования
Азербайджанской Республики

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Ошский государственный университет
Юго-Западный государственный университет

ОПТИКО-ЭЛЕКТРОННЫЕ ПРИБОРЫ И УСТРОЙСТВА В СИСТЕМАХ РАСПОЗНАВАНИЯ ОБРАЗОВ И ОБРАБОТКИ ИЗОБРАЖЕНИЙ

Распознавание – 2023

Сборник материалов XVII Международной
научно-технической конференции

12–15 сентября 2023 года

Редакционная коллегия:

С. Г. Емельянов, В. С. Титов (отв. ред.),
Т. А. Ширабакина, Э. И. Ватутин, Е. А. Коломиец

Курск
ЮЗГУ
2023

UDC 004.93

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THE ROLE OF BIOMETRIC NETWORKS IN RECOGNITION OF PERSON

In this article, propose about biometric network, the essence of the problem and identification. The advantages of biometric technology are shown to address the issues facing the authorities of law enforcement system

Computer network is a broad term. A network of computers with special software means of communication lines and computers and peripheral equipment of each other. Data acquisition, transfer and sharing of information available to users of computer networks is important. Recently, is used in biometric network.

The researches on the biometric features, such as human face, fingerprints, hand shape, sound parameters, iris and etc., and the development of new biometric identification systems are of great importance. The use of computer search engines for the human face recognition has become widespread in modern times. Note that the key data used in the scientific and practical issues includes the images of the studied objects. Availability of different types of pattern recognition systems expands the scope of the solved issues.

Dimensions of the data bases and the quality of the stored are very important for biometric systems. The joint use of integrated or distributed biometric database is one of the main goals [1].

In some works proposes a new biometric-based user authentication mechanism in heterogeneous wireless sensor networks [2].

Various biometric technologies exist:

- eye iris identification technology;
- voice identification technology;
- fingerprint identification technology;
- image-based human face identification technology and so on.

Biometric technologies are applied in diverse areas: access to work places and network resources, information protection, providing access to certain resources, airport security and so on. Note that, implementation of e-business and e-government is possible with only identification of a person, i.e., without any other procedures.

Combination of new devices related to security shall be applied in order to gain the confidence of the air passengers, and to restore the confidence of the consumers, as well as optimized systems that provide their identification and information sharing shall be used [3]. Expansion of the rapid coordinated network, which provides data transfer between the airlines, airport authorities and security

service personnel, ensures the law enforcement agencies to reduce the number of delays of air terminal communications and flights significantly. X-ray facilities and wireless communications would identify the necessary person at the checking point, and would transfer the information to all the services of the airport and law enforcement agencies beyond it rapidly. Therefore, the suspects would be arrested, and the provocation would be avoided [4].

Nowadays, such systems are applied, since most of new technology components and its development are available. Nevertheless, the integration is of great importance, and the most difficult point is that, various personal communication protocols are used for the applications to provide security. Combination of available modern communication standards will provide to accelerate the integration of the applications, and ensure new opportunities for data transfer.

The factors providing the search and identification in the database of national criminalistics are defined. The ways of using biometric technology to ensure security are explained.

In conclusion, the following recommendations can be given:

- Integrated biometric information system should be available for the search and detection of suspects. scenarios of the work of the law enforcement officials, which support the system, should be apparent;
- Biometric network system should be established and used to prevent undesirable phenomena in different situations (terrorism, crimes, etc.) and to provide security globally.

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