

Selection of the Best Biometric Systems Taking into Account the Characteristics

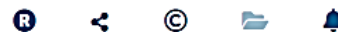
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Abstract

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I. Introduction

II. Review of Biometric Systems

III. The Results of The Choice of Biometric System Using The Theory of Utility, The Theory of Blurred Sets and Lexical-Graphical Approach

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Authors

Abstract:

An analysis of very well-known biometric systems is made. The choice of the best biometric system according to the set of characteristics known by some methods of multicriteria optimization and the method of analysis of hierarchies is carried out. The findings show that the best type of biometric system is a technology based on the analysis of the iris.

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