Biometric based Keystroke Dynamics Authentication - A Review

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Abstract

Over the past decade the technological achievements have resulted in improved network services. Because of electronic transactions are executed in these days, the security of computer access is relying important. Existing security techniques can be strengthen by behavioral biometrics such as keystroke dynamics which makes use of the typing cadence of an individual effectively and cheaply. There are numerous studies conducted in terms of data extraction, classification methods, experimental protocol and evaluations. The objective of this paper is to provide an insightful survey and comparison on keystroke dynamics biometrics and enhanced a new concept in classification and selection.

Keywords: Biometrics, Keystroke dynamics, statistical methods, pattern recognition, neural network, search heuristics.

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