Off-Line Signature Verification and Recognition

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Abstract

In this paper we propose a technique that can be used for signature recognition. This technique is a contour based technique. Here we propose a simple and effective approach that can be easily implemented in a programming language.

The paper deals with the recognition of the signature, as human operator generally makes the work of signature recognition. Hence the algorithm simulates human behavior, to achieve perfection and skill through AI. The logic that decides the extent of validity of the signature must implement Artificial Intelligence Pattern recognition is the science that concerns the description or classification of measurements, usually based on underlying model. Since most pattern recognition tasks are first done by humans and automated later, the most fruitful source of features has been to ask the people who classify the objects how they tell them a part . Signatures are a behavioral biometric that change over a period of time and are influenced by physical and emotional conditions of a subject. This technique gives acceptable results in a simple and fast way.

Key words: Pattern Recognition, Signature Recognition, Image Morphology

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<<Օֆլայն>> ստորագրության ճանաչում

Վ. Խաչատուրյան

Ամփոփում

Աշխատանքում առաջարկվում է <<Օֆլայն>> ստորագրության ճանաչման եղանակ՝ հիմնված եզրագծային ներկման վրա, կախված տարբեր պարամետրերից՝ փիքսելների քանակ, շեղման անկյուն, լայնություն, բարձրություն: Մենք օգտագործում ենք EX-Oring ստորագրության իսկությունն ստուգելու համար: Բերվում է ստորագրության ճանաչման օրինակ:

Опознание "Офлайн" подписи

В. Хачатурян

Аннотация

В работе предлагается метод опазнания „Офлайн" подписи основанный на контурное окрашивание в зависимости от многих параметров: количество пикселеи, угол наклона, широта, высота. Мы используем EX-Oring для проверки подлинности подписи. Приводится пример опазнания подписи.