

## عنوان مقاله:

Automation of fingerprint recognition using OCT fingerprint images

## محل انتشار:

پانزدهمین کنفرانس دانشجویی مهندسی برق ایران (سال: 1391)

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## نویسندگان:

Nasibe akbari - Iran University of Science and Technology

Ali Sadr

## خلاصه مقاله:

automated recognition of a person is one of the most critical issues in the modern society. Common biometric systems rely on the surface topography of an object and, thus, are potentially vulnerable for spoofing. Optical coherence tomography is a technology that has the capability to probe the internal structure of multilayered tissues. The paper describes two algorithms for automation fingerprint recognition that the algorithms are applied on the OCT fingerprint images. This algorithm is based on scanning of the enhanced and segmented OCT images

## کلمات کلیدی:

optical coherence tomography; speckle denoising; autocorrelation; fingerprint recognition

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/170953>

