

عنوان مقاله:

A New IRIS Segmentation Method Based Representation on Sparse

محل انتشار:

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خلاصه مقاله:

Iris recognition is one of the most reliable methods for identification. In general, it matching. Among them, iris segmentation has an important role on the performance of any iris recognition system. Eyes nonlinear movement, occlusion, and specular reflection are main propose a new pupil localization method based on the sparse representation and sparse recovery (SR). The main advantage of our segmentation algorithm based on sparse representation in respect to whole image for iris region very fast. Also we have proposed a new method for enhancing the extracted iris template when the pupil boundary is noncircular, and also a new method for creating occlusion mask with thresholding. with the same size dictionary and shown (PCA) with the SR classifier makes it very faster, whereas preserves the achieved results are evaluated with others in terms of the recognition accuracy and the segmentation time consuming where the CASIA V consists of image acquisition, iris segmentation, feature extraction and We have compared the SR classifier and the Hamming distance (HD) challenges for any iris segmentation method. In this paper, whether approaches is capability of searching that using the based on the histogram principal component analysis 4 ..Lamp database used accuracy

کلمات کلیدی:

Iris Segmentation and Detection, Principal Component Analysis Recognition, Sparse Representation, Eyelid and Eyelash

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