

عنوان مقاله:

A New Method for Eye Detection in Color Images

محل انتشار:

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نویسندگان:

Mohammadreza Ramezanzpour - *Department of Computer Science & Research Branch Azad University, Arak, Iran*

Mohamad Ali Azimi - *Department of Computer Science & Research Branch Azad University Dezfoul, Iran*

Mohammad Rahmati - *Computer Engineering Amirkabir University of Technology, Tehran, Iran*

خلاصه مقاله:

The problem of eye detection in face images is very important for a largenumber of applications ranging from face recognition to gaze tracking. In this paperwe propose a new algorithm for eyes detection. First, the face region is extractedfrom the image by skin-color information. Second, horizontal projection in image isused to approximate region of the eye be obtained . At last, the eye center is locatedby a corner detection algorithm. Part of the FACE94 Database has been used forexperiments and benchmarking. Experimental results show that a correct eyedetection .rate of 94% can be achieved on 300 FACE94 images with different facialexpressions and lighting conditions

کلمات کلیدی:

Eye detection, face region, Eigen value

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