

عنوان مقاله:

Identification of non-skin areas in images using neural networks

محل انتشار:

سومین کنفرانس بین المللی علوم و مهندسی (سال: 1395)

تعداد صفحات اصل مقاله: 14

نویسندگان:

Zeynab Rostami - *Department of Computer Engineering, Faculty of Engineering Arak Branch, Islamic Azad University, Arak, Iran*

Baharak Heidari - *Department of Computer Engineering, Faculty of Engineering, Kermanshah Branch, Islamic Azad University, Kermanshah, Iran*

خلاصه مقاله:

Nowadays, the classification of human skin as a preprocessor has been proposed in the majority of processing systems on different parts of the human skin, such as face detection, face tracking and content-based retrieval of images, pornography videos and human-computer interface systems (HCI). One main challenge to this area is the diversity of color skin in different races, the existence of skin-like areas in imaging scene, illumination intensity changes and noise in image. In this design, the neural network algorithm is used to reduce detection of skin-like and non-skin areas in images. This project is able to separate skin and non-skin areas by a good approximation. The results show good performance of the proposed model with the average accuracy rate 89.05

کلمات کلیدی:

skin, non-skin, images, separate, detection

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