عنوان مقاله:

Finding a good method for Skin Detection

محل انتشار:

اولین کنفرانس ملی مهندسی برق اصفهان (سال: 1391)

تعداد صفحات اصل مقاله: 4

نویسندگان:

N. Razmjooy - *Department of Engineering, Ardabil branch, Islamic Azad University, Ardabil, Iran*

J Noori Pour - *Engineering Department of Majlesi Islamic Azad University, Isfahan, Iran*

M. Khalilpour - *Engineering Department of, University of Mohaghegh, Ardabil, Iran*

H. Hosseini - *Engineering Department of Urmia, Urmia, Iran*

خلاصه مقاله:

Detection of skin in image is an important component of systems for detecting, and recognizing faces and hands. Thiswork presents a study of three important methods of the color pixel classification approach to skin segmentation:Support Vector Machines, Multi Layer Perceptrons, and K-nearest neighborhood algorithm. Our analysis of twodifferent types of representative color spaces using these classifiers shows that skin segmentation based on SupportVector Machines and RGB color pixel classification makes a real-time and accurate system

کلمات کلیدی:

Skin Detection, Neural Networks, Color space, Supervised Classification, Multi layer perceptron, K nearest neighborhood, Support Vector Machines, Correct Detection Rate, False Acceptance Rate, False Rejection Rate

لینک ثابت مقاله در پایگاه سیویلیکا:

https://civilica.com/doc/237083