Abstract

A robust feature extraction method in HSV space is proposed for face detection problem in skin toned images using biorthogonal wavelet detail coefficients. It is demonstrated that followed with neural network classifier, proposed method is robust under varying conditions.
and Artificial Intelligence, Vol. 14, No. 6, pp. 779-793.


- F Fritsch, S Lang, M Kleinehagenbrock, G A Fink and Sagerer "Improving Adaptive Skin Colour Segmentation by incorporating Results from Face Detection", In Proceedings of the IEEE International workshop on Robot and Human Interactive Communication, Berlin, Germany, (September 2002), pp. 337-343.


Index Terms

Computer Science
Pattern Recognition

Keywords

Biorthogonal  Hsv Color Space