

FACE RECOGNITION SYSTEM USING GABORJET-ICA

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Abstract

Subspace techniques are not illumination invariant, more sensitive to facial expression changes. A new face recognition system based on Independent Component Analysis of GaborJets (GaborJet-ICA) is developed. The proposed a face recognition scheme (GaborJet-ICA) that combines GaborJet features and ICA makes the system computationally efficient.

Keywords: Independent Component analysis, Gabor wavelets, (GaborJet-ICA), (GaborJet-PCA).