Abstract

Face detection is fundamental step in the process of face recognition. This work presents a robust approach for Face detection. Orthogonal wavelet considerer details of images and its multi-resolution representation. Template making procedure consider lots of face images. After that orthogonal wavelet transform is applied on that each image and make one template of face after averaging all wavelet transform images coefficients, and using matching algorithm that template is matched with test images and thus face is detected in images. Experimental results indicate that this approach is more efficient and accurate for robust domain.

References

Robust Face Detection using Fusion of Haar and Daubechies Orthogonal Wavelet Template

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Index Terms

Computer Science
Pattern Recognition

Keywords
Image Processing And Computer Vision