Abstract

In this paper, a correlation based fingerprint image segmentation technique is presented. Segmented is a useful image processing tool generally used in Machine vision applications in the Pattern Recognition and classification that leads to the separation of area of interest (AOI) from an image based on some image parameters like gray levels. In this proposed method, direction based segmentation is presented without computing and use of any directional field whose effectiveness has been evaluated for several fingerprint images (databases like FVC2002, FVC2000).

References

- Database was available on www.bias.csr.unibo.it/fvc2000/download.asp

Index Terms

Computer Science
Pattern Recognition

Keywords
Segmentation  Fingerprint  Area of Interest (AOI)  Correlation