Abstract

In this paper, a robust technique for identifying and recognize human-footprint images is presented. There are many methods for footprint Recognition, but most of them require segmentation or connected component analysis. The Recognition process utilizes the determinant value that produces the features for the human-footprint. Image's determinants values are computed, by divided image into blocks then deigned Threshold (T) to extract feature. The least square criterion is then utilized to determine the similarity between the existed (in Database file) footprints with a new query footprint's images.

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\textbf{Index Terms}

Computer Science

Image Processing
Keywords
footprints  Determinant value  Euclidean Distance  extract features