Abstract

In a face detection method, preprocess an image, and extract corners from the preprocessed image. Then, filter and combine the corners to obtain a connected component for the corners. Extract a centroid from the connected component of the corners, and match the centroid with a facial template. Then, calculate a matching probability of the centroid with the facial template, and identify a region formed by centroids having a matching probability greater than or equal to a predetermined value as a candidate face region. With the method described above, the accuracy and efficiency of face detection can be improved. In addition, the present invention provides a face detection system and a computer storage medium.