Abstract

In this paper we are proposing algorithm for image recognition by sound patterns generated by the image. There are five senses in human sight, smell, taste, touch, and hearing. Sight is probably the most developed sense in humans, followed closely by hearing. Blindness is the condition of lacking visual perception due to physiological or neurological factors. For blind persons their ears work as their eyes. This paper presents a novel idea of generating an audio signature from an image which can be used to visualize the image. After some training sessions the user (may be blind person) will be able to recognize the image. This paper is divided in seven parts the first part of paper give the introductory second part deals with related work the important part of the paper is methodology and propose algorithm the last part is conclusion.
Reference


Index Terms

Computer Science

Image Processing

Key words

Image to sound

Listen the image

image processing

sound generator
Sensory replacement