Finding personality with Automatic drawing using image processing system.

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Section- D

Abstract: The automatic analysis to recognize individual personality traits has become an active area of research and applications in personality computing,human computer interaction and psychological .Advances in computer vision and pattern recognition based on deep learning techniques have led to nonverbal cues and attribute their personality traits with the use of drawing. The first goal to observe similar categorical objects from any from drawing and verify that object support the foremost vital option that’s it relied on.

1. Introduction

Industrial and organizational psychologist have found that personality is a global predictor used in employment selection. An initial difficulty in the study of personality is the lack of any clear cut,adequate conception of what is to be studied. Judging others personalities is an essential skill in successful social living,as personality is a key driver behind peoples interactions, behaviors, and emotions. Although accurate personality judgements stem from social-cognitive skills, developments in machine learning show that computer models can also make valid judgments.this study compares the accuracy of human and computer-based personality judgments. Computers outpacing humans in personality judgment presents significant opportunities and challenges in the areas of psychological assessment and privacy.

2.Motivation

We purpose a system that reads the text encountered in natural scene with the aim to provide assistance to the visually impaired persons. This paper describes the system desing and evaluates serval character extraction methods. Automatic drawing recognize from natural images recives a gowing attention because of potential applications in image retrieval ,intelligent transport system.drawing based image analysis becomes a real possibility with the increasing resolution.the performance of the difference methods depends on character size. In the data bigger character are more prevalent and the most effective extraction method proves to be the sequence, sobel edge detection. Otsu binarization connected component extraction and rule based connected component filtering.

3. Literature review

It is neccessasry that computer application that provide support to the visually impaired persons have become an important theme. We have already developed a pen-base character input system for blind persons using PDA[1]. On this system people with acquired blindness remember the shape and writing porder of Japanese characters and they can use this system as a notepad and as an E-mail terminal anytime, anywhere. This application essentially works as communication tool. However, such a device does not solve all of the problems encountred by a blind person willing to go outside unaccompanied.when a visually impaired person is walking around, it is important to get text information which is present in the scene.For example, a stop sign at a crossing without acoustic signal has an important meaning. In general [2], way finding into a man-made environment is helped considerably by the ability of read signs. As an example,if the signboard of a store can be read, the shopping wishes of the blind person can be satisfied easier.The research on text extraction from natural scene images has been growing recently [3]. Many methods images has been on edge detection [4], binarization[5]. Spatial-frequency image analysis [6].and mathematical morphology operations [7]. Yang has proposed a sign recognition and translation system for tourist [9]: character are extracted from images with Chinese sign boards and translated to English.There are also other parallel research efforts to develop a scene-text reading system for the visually impaired [10].

From above drawing and personality description, it can be seen that the automatic drawing is an significant type of drawing and finding personality as many research work have been done on edge graceful by various reseach. A continuous surveying on these researches and its methodologies, findings,conclusions can be meaningful as it might be able give a clear idea on the numerous aspects of this topic.

4.References

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