

A SURVEY ON FACIAL EXPRESSION RECOGNITION

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ABSTRACT

Computer vision is one among the thrust research area in the field of Image processing. Facial expression recognition is one among the thrust research dimension in computer vision. The process of recognition and identification is important due to the similarity of facial expressions. The motivation behind this research area is its capability to resolve an image processing problem and its wide range of applications. The main rationale of all images processing and computer vision algorithms is to build the visual data in a useful manner. For this reason in the domain of computer vision, the facial expression recognition begins with its applications in the HCI (Human Computer Interaction) where visual look of human, sight and touch sensations (also known as moods) and voice are utilized at the same time. This research article reviews several literatures pertaining to facial expression recognition.

KEYWORDS: Computer Vision, Image Processing, Machine Learning Algorithms, Facial Expression Recognition, Human-Computer Interaction