

Human facial expression recognition using deep learning technique.

Recognize emotions from facial expressions by using static images. It is a type of signal processing, which is used in various fields, similar to human-computer interaction. Some methods for automatic emotion recognition using machine learning methods are proposed. Deep learning technology solves many real-time problems. In this work have defined convolutional Neural Network (CNN) is used to identify 6 elementary emotions this technique has been implemented in MATLAB.

Facial expressions are an important factor in human communication and help us understand the intentions of others. Even the image of the same person can have many variations. Even the image though research is often conducted, it is rarely avoided in training and testing to show fairly evaluated works. Facial expression is the main important feature of human emotion recognition. The face is always the sensitive and communicative part of humans. Feature extraction and classification have been successfully determined in the convolutional neural network architecture.

Keywords: Facial expression; Recognition; Deep learning; CNN Architecture; Classification.

In our project is 'Bhavas classification using deep learning' is used to classify the different 'Bhavas' of classical dance. Here we use the facial recognition techniques to identify different 'Bhavas' in the dance form. Is Easily understand the meaning of each Bhavas.

In this Paper is also recognize emotions from facial expression using static image. Facial expression recognition systems are becoming more and more powerful and effective in communication, and many other innovative applications and cues remain to be seen. This article gives a complete view of the facial expression recognition system.