Paper 1: Classification of hand gestures using SVM and CNN

Abstract

Indian classical dance such as 'Kathakali' is composed of complex band gestures body moments, facial expressions and background music. The story of Kalhakali' dance Performance 15 Communicated to audience through hand gestures pacial expression etc. Generally! it is very difficult for a Common man to understand the meaning of man to understand because of its
Kalhakali dance drama because of its
Complicated hand gesture language structure
Due to the Complexities involved in its hand gesture language, it is offer difficult to understand trashatali mudras. The Paper aimed to explore The Possibility of hand gestore reasgnition troffy bould a dataset of Kathakali

hand gestares and explore different ways ho recognize Kathatali dance mudras Responsed by antists with the help of machine learning and deep learning techniques. As a Second step, Examine and devise strategies for data preprocessing to be applied to the generated dataset to finally study the machine learning and despleaning techniques for classification of band gestures. The paper This work Proposed a Support Vector machine and CNN model abich danify the images into 24 1 different clauses of mudras and got an actuacy of 40%. The actuacy got is very low because of the Collusion on the feature Extraction results. Compared The Performance of machine learning and deep learning and oresults show that deep leaving algorithms gave up to 74% annacy. The main idea of our l'oject 'Madra dan fication' inquires into the Possibility of identifying mudsay

attempts to find the fearibility of identifying the medra depicted in a dance forms and dyning its meaning and it is related to one another