ANALYSIS OF HUMAN EMOTION RECOGNITION USING SPEECH SIGNAL

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Abstract

Human-computer intelligent interaction (HCII) is an emerging field of science aimed at providing natural ways for humans to use computer as aids. Machine intelligence needs to include emotional intelligence. It is argued that for the computer to be able to interact with humans, it needs to have the communication skills of human. One of these skills is the ability to understand the emotional state of the person. This paper focuses on the exhaustive survey of various methods to recognize the emotional states of a person through emotional speech.

Key Words : *Emotion recognition, Neural network, Support vector machine (SVM), Hidden Markov model (HMM), Speech Database.*