

Speech signal processing based emotion recognition

駱樂, 蘇于哲, 許志鈞

Electrical Engineering

Engineering

lluh@ee.ncu.edu.tw

Abstract

The goal of this paper is to build an emotion detection system which can analyze the speech emotion of human. An analysis framework of speaking words and extraction of emotional features are constructed. Two Chinese female speakers are employed to generate 250 utterances. The experiment has shown that the proposed strategy is effective.

Keyword : Speech signal processing, Emotion recognition, GMM