Abstract

This paper describes the Matching Model of two different voices. Here, we are working on Digital Signals & Frequency of particular Speech. We have use Mel Frequency Cepstrum Coefficients (MFCC) for matching the frequency of speech as well as used the DISTMIN for calculating the minimum distance between two different signals. This technique gives the accuracy about authorized speaker. This will shows the average of matched voice so that you
Digital Signal Matching Technique

can identify the speaker or voice of that speaker.

References

- Ganesh Tiwari, "Text Prompted Remote Speaker Authentication : Joint Speech and Speaker Recognition/Verification System".
- Ahsanul kabir, Sheikh Mohammad Masudul Ahsan, "Vector Quantization in Text Dependent Automatic Speaker Recognition using Mel-Frequency Cepstrum Coefficient".
- Lindasalwa Muda, Mumtaj Begam and Elamvazuthi, "Voice Recognition Algorithms using Mel Frequency Cepstral Coefficient (MFCC) and DTW Technique".
- Mahdi Shaneh and Azizollah Taheri. "Voice Command Recognition System based on MFCC and VQ Algorithms".

Index Terms
Keywords
Analysis  Mfcc  Distmin  Feature Extraction  Record Function  Bandpass Filtering