Speech Recognition System to Leverage the Accuracy of Training Sample using Optimized Matching Window

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Abstract

In this voice recognition system is to recognize the voice samples spoken by human and recognize over the system. In this select the most commonly used features of the voice samples with the help of MFCC(Mel frequency coefficient ceptrum) and that feature match with the real time voice sample features using DTW(Dynamic time wrapping) and it is accepted by the system.

References


Index Terms

Computer Science

Signal Processing
Keywords

Dynamic Time Wrapping (DTW), Mel Frequency Cepstral Coefficient (MFCC), Voice recognition.