Abstract

Emerging growth of information and communication technologies has influenced the research trends to focus on speech technologies. This paper we have investigated the development of
Automatic Continuous Speech Segmentation to Improve Tamil Text-to-Speech Synthesis

automatic Tamil speech segmentation system which would act as test bed as well as foundation for several speech applications involving Tamil language. This study proposes an algorithm for automatic segmentation of Tamil voiced speech. The calculations of absolute energy and zero crossing rates are used to process speech samples to accomplish the segmentation. The Algorithm are written and compiled using Matlab.

Reference

- R.Thangarajan, Natarajan A. M “Syllable Based Continuous Speech Recognition for Tamil”, in South Asian language review, VOLXVIII No 1, 2008

Index Terms

Computer Science               Signal Processing

Key words

Speech Segmentation  Tamil  Zero- crossing rate