Abstract

Intonation is one the basic building blocks of the prosody. The fundamental frequency (F0) represents the intonation acoustically. This is the first study into the analysis of intonation pattern in MISING language. In MISING language it is found that the syllables occur at a regular interval and hence it is syllable timed. Since the syllables are the phonological building blocks of a word they can influence the rhythm of the language and also its pattern of stress apart from other factors. The present study aims at finding the intonation pattern of words in MISING language. Words of the structure VCV, VCV, VCCV, CVCV, CVCVC, CVCCV and VCCCV are observed and analyzed both in terms of pitch variations and fundamental frequency (F0) the pitch contour are also analyzed in this paper. The tone pattern are marked with the help of Tone and Break Index model (ToBI)

References


Index Terms

Computer Science Pattern Recognition

Keywords

Natural Language Processing, Intonation, Fundamental frequency, Pitch, ToBI, Syllable, MISING