

Speech Analysis and Linguistics

Intonation

Functions of intonations

- Emotions
- Meaning
- Focusing

The variability arises from -

- pauses
- pitch
- stress

Intonation is the manifestation of pitch.

Intonation -> Tonality - Intonation phrases (separated by audio pauses); every phrase will convey only a single intonation pattern

-> Tonacity -

-> Tone - Pitch variation within a syllable (high or low - speaker specific), rising tone, falling tone, rising and falling, falling and rising, mid-tone(b/w high n low)

Intonation pattern -> sequence of tones

accented syllable - stressed syllable with pitch changes (the point is called as pitch accent), Last accented syllable is called the nucleus syllable

pre-head, 1st accented syllable, head, nucleus syllable , tail -> tonal structure of a