

Assignment-8

1. Which one of the following Parameter control the speech prosody?

A. Phoneme

B. Pause

C. First and second formant frequency

2. Role of Voice Fundamental Frequency (F_0) Contour to convey

A. Linguistic information

B. Para-linguistic information

C. non-linguistic information

D. All of the above

3. Which one of the following F_0 Contour modeling is reversible?

A. ToBI

B. Stylization

C. Fujisaki F_0 Contour modeling

D. All of the above

4. As Fujisaki F_0 Contour modeling the accentuation is produce due to

A. Rotation around the cricothyroid

B. Horizontal translation due to the activities of *pars oblique*

C. Change of vocal cords Mass

5. F_0 contour, when plotted in the logarithmic scale as a function of time, can be expressed as

A. Sum of time-varying accent component and phrase component

B. Sum of a constant (baseline) term and a time-varying accent component and phrase component

C. Sum of a constant (baseline) term and product of time-varying accent component and phrase component

6. Prosodic word can be define as

A. The part or a whole of an utterance that forms an accent type

B. The interval between two successive phrase commands uninterrupted by a pause

C. Every written word treated as Prosodic word

7. As Fujisaki F_0 Contour modeling the phrasing is produce due to

A. Change of vocal cords length and mass

B. Horizontal translation due to the activities of *pars oblique*

C. Rotation around the cricothyroid

8. Realization of speech prosody involves

A. Only segmental features of speech

B. Both segmental and suprasegmental features of speech

C. Only suprasegmental features of speech

9. Speech Prosody is defined as

A. Systematic organization of individual linguistic units into an utterance, or a coherent group of utterances, in the process of speech production.

B. Systematic organization of para-linguistic and non-linguistic information

C. all of the above

10. In many languages *tone*, *accent*, and *intonation* is used to express by

A. temporal changes of pause duration

B. temporal changes of amplitude contour

C. temporal changes in F_0 contour