Prosody Generation in Neutral Speech for Storytelling Application Using Tilt Model

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***Abstract*— This paper proposes Intonation Modeling for Prosody generation in Neutral speech for Marathi (language spoken in Maharashtra, India) story telling applications. Now a day's audio story telling devices are very eminent for children. Emotion puts precise meaning in the audio to understand content in speech. In this paper, we proposed tilt model for stressed words in Marathi for speech modification. Tilt model predicts modification in tone of neutral speech. GMM is used to identify stressed words for modification.**

***Index Terms*: Fundamental frequency, GMM, Statistical parametric Speech Synthesis, Tilt model.**

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