

INDONESIAN FORMANTS IN ACOUSTIC ANALYSIS

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ABSTRACT

This research has a purpose to analyze the characteristic of speech sound or usually called as formants analysis or vocal tract. The contour of vowel sound was analyzed just if its fundamental frequency showed the up-down pattern clearly. For that importance, so the fundamental frequencies (f0, f1, and f2) were counted separately on certain points. As a comparison, it was also counted the value of f0, f1 and f2 in words. The used method was Praat software and VisArtico application. The result of the research shows that vowel sound of /a/, shows f1 and f2 point that is different when the utterance data was done by two different recording processes. This difference is assumed as a result of allophonic that influenced the production of that vocal sound.

Keywords: Vocal Tract, Acoustic, Vocal Sound, Bahasa Indonesia.