PUBLICATIONS AND REPORTS

Publications and Manuscripts


*Appears in this report, SR-39/40.


The following two papers were presented at the Speech Communication Seminar, Stockholm, Sweden, 1–3 August 1974; and will be published in the conference proceedings (Stockholm: Almqvist and Wiksell; and New York: Wiley):

*Mechanisms of Duration Change. K. S. Harris

*Effect of Speaking Rate on Stop Consonant-Vowel Articulation. T. Gay and T. Usajima.


*Linguistic and Nonlinguistic Stimulus Dimensions Interact in Audition but not in Vision. James E. Cutting

*Results of a VCV Spectrogram-Reading Experiment. G. M. Kuhn and R. McI. McGuire.
*Laryngeal Muscle Activity, Subglottal Air Pressure, and the Control of Pitch in Speech. Rene Collier.

*Evidence for Spectral Fusion in Dichotic Release from Upward Spread of Masking. Terrance M. Neary and Andrea G. Levitt

*A Preliminary Electromyographic Study of Labial and Laryngeal Muscles in Danish Stop Consonant Production. Eli Fischer-Jørgensen and Hajime Hirose.

*A Note on Laryngeal Activity in the Danish "stød." Eli Fischer-Jørgensen and Hajime Hirose.

Reports and Oral Presentations


Is it VOT or a First-Formant Transition Detector? Leigh Lisker. Presented at the Annual Meeting of the American Association of Phonetic Sciences, St. Louis, Mo., 5 November 1974. (To appear in SR-41.)


This report (1 July - 31 December 1974) is one of a regular series on the status and progress of studies on the nature of speech, instrumentation for its investigation, and practical applications. Manuscripts cover the following topics:

-Speech Perception
-Speech Recognition Through Spectrogram Matching
-Results of VCV Spectrogram-Reading Experiment
-Evidence for Spectral Fusion in Dichotic Release from Upward Spread of Masking
-Tones of Central Thai: Perceptual Experiments
-Phonetic Segmentation and Recoding--Beginning Reader
-Word Recall in Aphasia
-Linguistic and Nonlinguistic Stimulus Dimensions--Interaction in Vision
-Pitch Control in Speech--Laryngeal Muscle Activity, Subglottal Air Pressure
-Cinefluorographic Study of Vowel Production
-Mechanisms of Duration Change
-Physiological Control of Durational Differences between Vowels Preceding Voiced and Voiceless Consonants in English
-Effect of Speaking Rate on Stop Consonant-Vowel Articulation
-Jaw Movement During Speech: Cinefluorographic Investigation
-EMG Study of Labial and Laryngeal Muscles in Danish Stop Consonant Production
-Laryngeal Activity in the Danish "stød"
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