

Manuscripts for Publication, Reports, and Oral Papers*

Manuscripts for Publication

Children's Language Development and Articulatory Breakdown.

Katherine S. Harris. In James Jenkins, Ed., Proc. Symposium on Perception of Language, (Jan. 1968), to be published by the University of Pittsburgh Press.

Determination of the Rate of Change of Fundamental Frequency with respect to Subglottal Air Pressure during Sustained Phonation. Philip Lieberman, Ronald Knudson, and Jere Mead. *J. Acoust. Soc. Amer.*, 45, No. 6, 1537-1543 (1969).

On the Motor Control of Coarticulation in CVC Monosyllables.

Peter F. MacNeilage and Joseph L. DeClerk. *J. Acoust. Soc. Amer.*, 45, No. 5, 1217-1233 (1969).

Transillumination of the Larynx in Running Speech. Leigh Lisker, Arthur S. Abramson, Franklin S. Cooper, and Malcom H. Schvey. *J. Acoust. Soc. Amer.*, 45, No. 6, 1544-1546 (1969).

Reading Aids for the Blind: A Special Case of Machine-to-Man Communication. Franklin S. Cooper, Jane H. Gaitenby, Ignatius G. Mattingly, and Noriko Umeda. To appear in *IEEE Trans. Audio*.

Newborn Infant Cry and Nonhuman-Primate Vocalizations. Philip Lieberman, Katherine S. Harris, Peter Wolff, and Lorraine H. Russell. To be published in *J. Speech & Hearing Research*.

The Machine Conversion of Print to Speech: Two Papers. Jane H. Gaitenby. *The New Outlook for the Blind*, 63, No. 4, 114-126 (1969). [Paper I, "Problems in the machine conversion of print to speech," was first published in the Spring 1966 *Bulletin of Prosthetics Research*; Paper II, "Rules for word

*The Contents of this Report, SR 17-18, are included in this listing.

stress analysis for conversion of print to synthetic speech," appeared as an abstract in J. Acoust. Soc. Amer., 42, No. 5, (1967).]

Crosslanguage Study of Vowel Perception. Kenneth N. Stevens, Alvin M. Liberman, Michael Studdert-Kennedy, and S.E.G. Ohman. Language and Speech, 12, Pt. 1, 1-23.

The Articulatory Implementation of the Breath-Group and Prominence: Crico-Thyroid Muscular Activity in Intonation. Philip Lieberman, Masayuki Sawashima, Katherine S. Harris, and Thomas Gay. Scheduled to appear in Language, March 1970.

Some Characteristics of Perception in the Speech Mode. Alvin M. Liberman. Publications of the Assoc. for Res. in Nervous and Mental Diseases. In Press.

The Speech Code and the Physiology of Language. Ignatius G. Mattingly and Alvin M. Liberman. In K.N. Leibovic, Ed., Information Processing and the Nervous System (Springer Verlag). In Press.

Certain Aspects of the Development of Speech Production and Perception in Children. Malcom S. Preston. J. Acoust. Soc. Amer., 45, No. 6, (1969). (A)

Vocal Tract Limitations on the Vowel Repertoires of Rhesus Monkey and Other Nonhuman Primates. Philip Lieberman, Dennis H. Klatt, and William A. Wilson. Science, 164, 1185-1187 (1969).

An Analysis of Laterality Effects in Speech Perception. Donald P. Shankweiler. In: P. Kjeldergaard, Ed., Perception of Language, University of Pittsburgh Press. In Press.

Some Characteristics of Deaf and Dysarthric Speakers. Katherine S. Harris. In: P. Kjeldergaard, Ed., Perception of Language, University of Pittsburgh Press. In Press.

On the Acoustic Analysis of Primate Vocalizations. Philip Lieberman. *Behav. Res. Meth. & Instru.*, 1, 169-174 (1969).
Towards a Unified Phonetic Theory. Philip Lieberman. Scheduled to be published in *Linguistic Inquiry*, Vol. 1, No. 2.

Extended Reports

Computer-Controlled PCM System. Franklin S. Cooper and Ignatius G. Mattingly. Paper read at the 77th Meeting of the Acoustical Society of America, Philadelphia, Pennsylvania, 10 April 1969.

Programming for the Glace-Holmes Synthesizer. Ignatius G. Mattingly. Paper read at the 77th Meeting of the Acoustical Society of America, 8 April 1969.

The Perception of Liquids. I: /r/ vs. /w/. Erica Garcia. Selective Listening for Dichotically Presented Stop Consonants and Vowels. Emily Kirstein and Donald Shankweiler. Presented at Eastern Psychological Association Annual Meeting, Philadelphia, 10-12 April 1969.

Perception of Semi-vowels and Laterals. Mark P. Haggard. Paper read at the 77th Meeting of the Acoustical Society of America, Philadelphia, 10 April 1969.

Oral Reports

Colloquium. Alvin M. Liberman, participant. State University of New York, Buffalo, New York, March 1969.

Symposium on Recent Developments in Research on Acquisition of Speech and Language. Discussant: Alvin M. Liberman. 77th Meeting of the Acoustical Society of America, Philadelphia, Pennsylvania, 8-11 April 1969.

Invited Talk at Research Laboratory of Electronics. Ignatius G. Mattingly and Alvin M. Liberman. M.I.T., Cambridge, Massachusetts, 22 April 1969.

Speech Synthesis by Rule. Ignatius G. Mattingly. C.U.N.Y.

Speech Department Colloquium, City University of New York,
New York, 2 May 1969.

Colloquium. Alvin M. Liberman. Ohio State University, Columbus,
Ohio, May 1969.

Colloquium. Alvin M. Liberman. Northeastern University, Boston,
Massachusetts, May 1969.

Individual Differences in Speech Perception. Ruth S. Day.

Neuropsychiatry Laboratory, Stanford University Medical
School, Palo Alto, California, 3 June 1969.

Speech Synthesis by Rule. Ignatius G. Mattingly. Narragansett
Chapter, Acoustical Society of America, Groton, Connecticut,
24 June 1969.

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