

RECENT PUBLICATIONS

April 1974 - March 1975

A. Publications in English

1. Publications in Periodicals

i. Original Contributions

- Bell-Berti, F. and H. Hirose (1975); "Palatal Activity in Voicing Distinctions: A Simultaneous Fiberoptic and Electromyographic Study," J. Phonetics, Vol. 3, 69-74.
- Freeman, F., T. Ushijima and H. Hirose (1974); "Reply to 'The Core of the Stuttering Block' by Martin F. Schwartz," JSHD XL, 1, 137-139.
- Gay, T., T. Ushijima, H. Hirose, and F. S. Cooper (1974); "Effect of Speaking Rate of Labial Consonant-Vowel Articulation," J. Phonetics Vol. 2, 47-63.
- Harada, S. I. (1974); "On the Number Agreement Transformation in English," The J. of Social Sciences and Humanities, Tokyo Metropolitan University No. 103, 49-70.
- Hirose, H. (1974); "The Activity of the Lip in Articulation of a Japanese Vowel /o/ — A Simultaneous EMG and Stroboscopic Study," A. N. L. A. Vol. 1, 33-41.
- Hirose, H., C. Lee, and T. Ushijima (1974); "Laryngeal Control in Korean Stop Production," J. Phonetics Vol. 2, 145-152.
- Ushijima, T. and H. Hirose (1974); "Electromyographic Study of the Velum during Speech," J. Phonetics Vol. 2, 315-326.
- Sasanuma, S. (1974); "Kanji Versus Kana Processing in Alexia with Transient Agraphia," Cortex Vol. 10, 89-97.
- Sasanuma, S. (1974); "Impairment of Written Language in Japanese," J. of Chinese Linguistics Vol. 2, 141-158.
- Sasanuma, S. (in press) "Kana and Kanji Processing in Japanese Aphasics," Brain and Language.
- Sasanuma, S. and H. Monoi (in press); "The Syndrome of Gogi (Word Meaning) Aphasia: Selective Impairment of Kanji Processing," Neurology.

ii. Review Articles

iii. Progress Reports

- Fischer-Jørgensen, E. and H. Hirose (1974); "A Preliminary Electromyographic Study of Labial and Laryngeal Muscles in Danish Stop Consonant Production," Haskins Laboratories Status Report on Speech Research SR-39/40, 231-254.
- (1974); "A Note on Laryngeal Activity in the Danish 'stød'," Haskins Laboratories Status Report on Speech Research SR-39/40, 255-262.

- Freeman, F., and T. Ushijima (1974); "Laryngeal Activity Accompanying the Moment of Stuttering: A Preliminary Report of EMG Investigations, " Haskins Laboratories Status Report on Speech Research SR-37/38, 109-116.
- Fujisaki, H., M. Yoshida, and Y. Sato (1974); "Formulation of the Coarticulatory Process in the Formant Frequency Domain and Its Application to Automatic Recognition of Connected Vowels, " Ann. Bull. RILP No. 8, 79-90.
- Gårding, E., O. Fujimura, H. Hirose, and Z. Simada (1975); "Laryngeal Control of Swedish Word Accent, " Working Papers (Phonetic Laboratory, Lund University) No. 10, 53-82.
- Gay, T., and T. Ushijima (1974); "Effect of Speaking Rate on Stop Consonant-Vowel Articulation, " Haskins Laboratories Status Report on Speech Research SR-39/40, 213-217.
- Harada, S.I. (1974); "Remarks on Relativization, " Ann. Bull. RILP No. 8, 133-144.
- Hirose, H. and T. Ushijima (1974); "The Function of the Posterior Cricoarytenoid in Speech Articulation, " Haskins Laboratories Status Report on Speech Research SR-37/38, 99-107.
- Kim, B. and H. Fujisaki (1974); "Measurement of Mandibular Control in Vowels and Its Relevance to the Articulatory Description of the Vowel Systems of Korean and Japanese, " Ann. Bull. RILP No. 8, 59-68.
- Kiritani, S., K. Itoh, and H. Imagawa (1974); "A High Voltage Thin X-ray Beam Scanner for Computer Controlled Radiography, " Ann. Bull. RILP No. 8, 1-6.
- Kjellin, O. (1974); "A Preliminary Report on Tibetan Tones, " Ann. Bull. RILP, No. 8, 115-124.
- Miyawaki, K. (1974); "A Study of the Musculature of the Human Tongue (Observations on transparent preparations of serial sections), " Ann. Bull. RILP No. 8, 23-58.
- Miyawaki, K., S. Kiritani, I.F. Tatsumi, and O. Fujimura (1974); "Palatographic Observation of VCV Articulations in Japanese, " Ann. Bull. RILP No. 8, 51-58.
- Niimi, S. and M. Sawashima (1974); "A Preliminary Study on the Simultaneous Recording of Laryngeal Muscle Activities and the Glottal Shape During Speech Utterance, " Ann. Bull. RILP No. 8, 19-22.
- Sasanuma, S. and A. Kamio (1974); "Comprehension of Sentences in Aphasic Patients (1) Understanding "before" and "after": A preliminary report, " Ann. Bull. RILP No. 8, 91-98.
- Sawashima, M. and S. Miyazaki (1974); "Stereo-Fiberscopic Measurement of the Larynx: Preliminary Experiment by Use of Ordinary Laryngeal Fiberscopes, " Ann. Bull. RILP No. 8, 7-12.
- Sawashima, M. and S. Niimi (1974); "Laryngeal Conditions in Articulations of Japanese Voiceless Consonants " Ann. Bull. RILP No. 8, 13-18.
- Ushijima, T and H. Hirose (1974); "Electromyographic Study of the Velar Movements during Speech, " Haskins Laboratories Status Report on Speech Research, SR-37/38, 79-97.

Uyeno, T. (1974); "On Telegraphic Sentences in Japanese," Ann. Bull. RILP, No. 8, 125-132.

iv. Abstracts of Meeting Papers

- Freeman, F. and T. Ushijima (1974); "Laryngeal Activity Accompanying the Moment of Stuttering: A Preliminary Report of EMG Investigations," JASA Vol. 55 Supplement, S80.
- _____ (1974); "The Stuttering Larynx: An EMG Fiber-Optic Study of Laryngeal Activity Accompanying the Moment of Stuttering," ASHA Vol. 16, 521.
- Hirose, H. and T. Ushijima (1974); "Function of the Posterior Cricoid Cartilage in Speech Articulation," JASA Vol. 55, Supplement S79.
- Miyawaki, K., S. Kiritani, I. F. Tatsumi and O. Fujimura (1974); "Palatographic Observation of VCV Articulations in Japanese," JASA Vol. 55 Supplement, S80.
- Sasanuma, S., I. F. Tatsumi, and H. Fujisaki (1974); "Effects of Unilateral Brain Damage on the Processing of Speech and Non-speech Stimuli: Discrimination of Phonemes and Word Accent Types in Aphasic Patients," Folia Phoniatriae, Vol. 26, 218-219.
- Sawashima, M., H. Hirose, and S. Niimi (1974); "Glottal Conditions in Articulation of Japanese Voiceless Consonants," Folia Phoniatriae, Vol. 26, 219.
- Ushijima, T. and H. Hirose (1974); "Velar Movement and Its Motor Command," ASHA Vol. 16, 500.
- _____ (1974); "Electromyographic Study of the Velar Movements during Speech," JASA Vol. 55 Supplement, S79.

2. Contributions in Meeting Proceedings, etc.

i. Printed Full Texts of Symposium Papers, etc.

ii. Reprints of Meeting Papers in Proceedings or Digests

- Fujisaki, H. and B. Kim (1974); "Direct Observation of Jaw Opening and Its Application to Articulatory Description of the Korean Vowel System," Proc. of the 8th International Congress on Acoustics, London.
- Fujisaki, H. and Y. Sato (1974); "Evaluation and Comparison of Methods for Formant Extraction," Preprints of the IEEE Symposium on Speech Recognition, 143.
- Fujisaki, H., M. Yoshida and Y. Sato (1974); "Formulation of the Coarticulatory Process in the Formant Frequency Domain and Its Application to Automatic Recognition of Connected Vowels," Proc. of Speech Communication Seminar, Stockholm.
- Fujisaki, H., M. Yoshida, and Y. Sato (1974); "Segmentation and Recognition of Vowels in Connected Speech Based on a Model of Coarticulation," Proc. of the 8th International Congress on Acoustics, London.
- Kim, B. and H. Fujisaki (1974); "Measurement of Mandibular Control in Vowels and Its Relevance to the Articulatory Description of the Vowel System of Korean and Japanese," Proc. of Speech Communication Seminar, Stockholm.

3. Contributions in Separate Publications

- i. Papers in Festschriften and Anthologies
- ii. Part of a Textbook or Handbook

Harada, S. I. (in press); "Honorifics," Japanese Generative Grammar (Masayoshi Shibatani, ed.): Seminar Press, New York.

Sawashima, M. (1974); "Laryngeal Research in Experimental Phonetics," Current Trends in Linguistics (T. A. Sebeok, ed.):

Mouton, The Hague, Vol. 12, 2303-2348.

B. Publications in Japanese

1. Publications in Periodicals

i. Original Contributions

Fukusako, Y., M. Sawashima and M. Abe (1974); "Postoperative Speech in Cleft Palate Children — A Follow-up Study on Cases Repaired at Ages One to Three Years," Japan J. Logopedics and Phoniatics, Vol. 15, 37-46.

Harada, S. I. (1974); "Topology in Sentence Structures," Gengo [Language] Vol. 3, No. 5, 11-18.

_____ (in press); "A Note on the Passive Construction in Old Japanese," Bungaku Gogaku [Japanese Literature and Language].

Monoi, H. and S. Sasanuma (1974) "Therapeutic Aspects of Aphasia," The Japanese Journal of Nursing Art Vol. 20, No. 7, 21-32.

Nakamura, K., H. Fujisaki, and T. Imoto (1974); "Auditory Perception of Duration of Speech and Non-Speech Stimuli in Hard-of-Hearing Subjects," Audiology Japan Vol. 17, 213.

Watamori, T. S. and S. Sasanuma (1974); "Comprehension of Rate-Controlled Speech in Aphasic Adults," Japan J. Logopedics and Phoniatics Vol. 15, 31-36.

ii. Review Articles

Fukusako, Y. and S. Sasanuma (1974); "Communication Disorders: Rehabilitation and Management (5) Delayed Acquisition of Language," Sogo Rehabilitation Vol. 2, 677-683.

_____ (1975); "Communication Disorders: Rehabilitation and Management (10) Aural Rehabilitation of Hard of Hearing Children," Sogo Rehabilitation Vol. 3, 235-241.

Hirose, H. (1975); "Speech Research in U. S. and in Denmark," Oto-Rhino-Laryngology Tokyo Vol. 18, 99-104.

_____ (1974); "Speech Organs and Articulation," J. Otolaryngol. Japan Vol. 77, 1015-1018.

Monoi, H. and S. Sasanuma (1975); "Communication Disorders: Rehabilitation and Management (8) Functional Articulation Disorders and Cleft Palate Speech," Sogo Rehabilitation Vol. 3, 65-72.

_____ (1975); "Communication Disorders: Rehabilitation and Management (9) Laryngeal Speech," Sogo Rehabilitation Vol. 3, 146-150.

- Sasanuma, S. (1974); "Communication Disorders: Rehabilitation and Management (3) Aphasia in Adults (2), " Sogo Rehabilitation Vol. 2, 487-494.
- _____ (1974); "Communication Disorders: Rehabilitation and Management (1) An Overview, " Sogo Rehabilitation, Vol. 2, 331-336.
- _____ (1974); "Communication Disorders: Rehabilitation and Management (2) Aphasia in Adults (1), " Sogo Rehabilitation, Vol. 2, 403-410.
- _____ (1975) "Aphasia: Aspects of Linguistic Impairment and Clinical Procedures, " The Journal of the Acoustical Society of Japan, Vol. 31, 127-135.
- Watanori, T. S. and S. Sasanuma (1974); "Communication Disorders: Rehabilitation and Management (4) Dysarthria, " Sogo Rehabilitation Vol. 2, 591-598.
- _____ (1974); "Communication Disorders: Rehabilitation and Management (6) Cerebral Palsy, " Sogo Rehabilitation Vol. 2, 747-752.
- _____ (1974) "Communication Disorders: Rehabilitation and Management (7) Aural Rehabilitation of the Elderly, " Sogo Rehabilitation Vol. 2, 853-857.

iii. Progress Reports

- Koba, O. and M. Sawashima (1974); "Fiberscopic Observations of Articulatory Deviations in Deaf Speech," Reports of National Center of Speech and Hearing Disorders No. 3, 13-26.

iv. Abstracts of Meeting Papers

- Endo, H., S. Sasanuma, and A. Kamio (1974); "Comprehension of Sentences in Aphasic Patients (1): Sentences Expressing Temporal Order of Events, " Japan J. Logopedics and Phoniatics Vol. 15, 113.
- Fukusako, Y., H. Monoi, T. S. Watanori and S. Sasanuma (1975); "Aphasic Syndromes in Elderly Patients, " Japanese J. Geriatrics Vol. 12, 75-76.
- Hirose, H. and M. Sawashima (1974); "Physiological Basis for the Laryngeal Features in Different Languages, " Japan J. Logopedics and Phoniatics Vol. 15, 79-80.
- Itoh, K. and M. Saito (1974); "External Control of REM-sleep, " Japan J. of Medical Electronics and Biological Engineering Vol. 12, 58.
- Koba, O., A. Ino, M. Sawashima and S. Niimi (1974); "Fiberscopic Observation of Articulatory Movements in Deaf Speech, " Japan J. Logopedics and Phoniatics, Vol. 15, 111.
- Monoi, H., Y. Fukusako, T. S. Watanori and S. Sasanuma (1974); "Speech Pathology Service in a Geriatric Hospital: The Characteristics of the Patients, " Japan J. Logopedics and Phoniatics Vol. 15, 106.
- Niimi, S. M. Sawashima and H. Hirose (1974); "Activities of the Laryngeal Muscles and Related Glottal Conditions during Speech," Japan J. Otol. Tokyo Vol. 77, 753.

- Niimi, S., M. Sawashima, T. Kobayashi, H. Shiga, H. Iida, and F. Takahashi (1974); "Functional Dysphonia with Abnormal Adduction of the False Cords, " Japan J. Logopedics and Phoniatrics Vol. 15, 91.
- Saito, M., K. Itoh, and I. Fukumoto (1974); "Physiological Measuring of Motivation and Will, " Japan J. of Medical Electronics and Biological Engineering Vol. 12, 53-54.
- Tatsumi, I. F., S. Sasanuma and H. Fujisaki (1975); "The Effect of Aging on Auditory Perception of Tone Duration and Intensity, " Japanese J. Geriatrics Vol. 12, 200.
- Watomori T. S. and S. Sasanuma (1974); "Effect of Language Therapy on Aphasia (I): Performances of Aphasic Adults in Structured vs. Daily Conversational Situations, " Japanese J. Rehabilitation Medicine Vol. 11, 223-224.

2. Contributions in Meeting Proceedings, etc.

i. Printed Full Texts of Symposium Papers, etc.

- Fujisaki, H. and B. Kim (1974); "Observation of Jaw Control in the Articulation of Vowels, " Transactions of Committee on Speech Research, Acoustical Society of Japan No. S74-08.
- Fujisaki, H. and O. Kunisaki (1974); "Parameter Extraction and Classification of Voiceless Fricative Consonants in Japanese, " Transactions of Committee on Speech Research, Acoustical Society of Japan No. S74-21.
- Fujisaki, H. and Y. Sato (1974); "Comparison of Methods for Formant Extraction, " Transactions of Committee on Speech Research, Acoustical Society of Japan No. S74-01.
- Kim, B. H. Fujisaki and M. Sawashima (1975); "Observation of Jaw, Tongue and Lip Control in Articulation of Korean Vowels, " Transactions of Committee on Speech Research, Acoustical Society of Japan S74-56.
- Kiritani, S., K. Itoh, H. Imagawa, H. Fujisaki, and M. Sawashima (1975); "Tongue Pellet Tracking by Computer Controlled X-ray Scanning System, " Transactions of Committee on Speech Research, Acoustical Society of Japan S74-58.
- Miyawaki, K., H. Hirose, and T. Ushijima (1975); "The Structure and Activity Patterns of Lingual Muscles, " Transactions of Committee on Speech Research, Acoustical Society of Japan No. S74-55.
- Miyoshi, T., I. Tatsumi, Y. Kobayashi, S. Sasanuma and H. Fujisaki (1975); "Performances of Normal and Unilateral Brain Damaged Ss on Dichotic Listening Tasks Using Synthetic Japanese Vowels and Stop Consonants, " Transactions of Committee on Speech Research, Acoustical Society of Japan No. S74-44.
- Morikawa, H. and H. Fujisaki (1975); "Conditions for Stability in Speech Analysis Using Statistical Approach, " Transactions of Committee on Speech Research, Acoustical Society of Japan No. S74-35.

- Sawashima, M., H. Hirose, S. Niimi and T. Ushijima (1975); "Laryngeal Adjustments in the Production of Japanese Consonants," Transactions of Committee on Speech Research, Acoustical Society of Japan No. S74-59.
- Sugito, M., H. Fujisaki and H. Morikawa (1974); "Characteristics of Accent Types and Their Perception," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S74-15.
- Tatsumi, I., S. Sasanuma and H. Fujisaki (1975); "On the Difference Limen for Duration, Intensity and Frequency of Pure-Tone Stimuli," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S74-41.

ii. Preprints of Meeting Papers in Proceedings or Digests

- Fujisaki, H. and B. Kim (1974); "Observation of Jaw Control in Connected Vowels," Reports of the 1974 Spring Meeting of the Acoustical Society of Japan, 51-52.
- Fujisaki, H. and O. Kunisaki (1974); "Analysis of Voiceless Fricative Consonants in Japanese," Reports of the 1974 Spring Meeting of the Acoustical Society of Japan, 247-248.
- _____ (1974); "Parameter Extraction and Classification of Voiceless Fricative Consonants in Japanese," Reports of the 1974 Autumn Meeting of the Acoustical Society of Japan, 235-236.
- _____ (1975); "Feature Extraction of Voiceless Fricative Consonants for Automatic Recognition," Record of the National Convention of the Institute of Electronics and Communication Engineers of Japan, 1147.
- Fujisaki, H., Y. Mitsui and M. Sugito (1974); "Analysis, Synthesis and Perception of Accent Types of Two-mora Words in Kinki Dialects," Reports of the 1974 Spring Meeting of the Acoustical Society of Japan, 389-390.
- Fujisaki, H. and Y. Sato (1974); "The Influence of Time Window on Formant Frequencies Extracted by Various Methods," Reports of the 1974 Spring Meeting of the Acoustical Society of Japan, 233-234.
- _____ (1974); "Recognition of Semivowels Based on a Model of Coarticulation," Reports of the 1974 Autumn Meeting of the Acoustical Society of Japan, 245-246.
- Kim, B. and H. Fujisaki (1974); "Analysis of Jaw Control Characteristics in Connected Vowels," Reports of the 1974 Autumn Meeting of the Acoustical Society of Japan, 317-318.
- _____ (1974); "Articulatory Analysis and Interpretation of Vowel Harmony in Korean," Reports of the 1974 Spring Meeting of the Acoustical Society of Japan, 391-392.
- Kiritani, S., K. Itoh, and H. Imagawa (1975); "Radiography by a Computer-Controlled X-Ray Microbeam," Reports of the Convention of the Institute of Electronics and Communication Engineers of Japan, 1916.

- Miyoshi, T., S. Sasanuma and I. F. Tatsumi (1974); "Perception of Dichotically Presented Synthetic Vowels," Reports of the 1974 Spring Meeting of the Acoustical Society of Japan 139-140.
- Morikawa, H. and H. Fujisaki (1974); "Effects of Number of Zeros on Estimation of Poles of Autoregressive Moving-Average Processes," Reports of the 1974 Autumn Meeting of the Acoustical Society of Japan, 35-36.
- (1974); "Conditions for Stability in Speech Analysis Using Statistical Approach," Reports of the 1974 Spring Meeting of the Acoustical Society of Japan 231-232.
- Niimi, S., S. Sawashima and H. Hirose (1974); "Glottal Shape and Activities of Laryngeal Muscles," Reports of the 1974 Autumn Meeting of the Acoustical Society of Japan 315-316.
- Saito, N., K. Itoh, and I. Tahara (1974); "Analysis on Correlation of Voluntary Movements and Prefrontal EEG," Preprints of the 4th Convention of Japan Society of Electroencephalography and Electromyography 134.
- Suehiro, N. and H. Fujisaki (1974); "Formation of a System of Knowledge and Inductive Inference Based on Grammar Acquisition," Record of the National Convention of the Institute of Electronics and Communication Engineers of Japan 266-267.
- Sugito, M., H. Fujisaki, H. Morikawa and Y. Mitsui (1974); "Temporal Relationship between Segmental and Prosodic Features in Production and Perception of Word Accent Types," Reports of the 1974 Autumn Meeting of the Acoustical Society of Japan 335-336.
- Sawashima, M. and S. Niimi (1974); "Laryngeal Conditions in Articulation of Japanese Voiceless Consonants," Reports of the 1974 Spring Meeting of the Acoustical Society of Japan 39-40.
- Tatsumi, I. F., S. Sasanuma and H. Fujisaki (1974); "Auditory Perception of Duration, Intensity and Frequency of Pure Tones," Reports of the 1974 Spring Meeting of the Acoustical Society of Japan 111-112.

3. Contributions in Separate Publications

4. Monographs

- Miyawaki, K., S. Kiritani, S. Hiki, M. Shirai, Y. Uemura and S. Takada (1975); Palato-Lingual Contact Patterns in Japanese: An Observation by Use of Dynamic Palatography, National Center of Speech and Hearing Disorders, Tokyo.

5. Translations

- Sasanuma, S., and H. Monoi (1975); Shitsugosho no Hyoka, Tr. of Assessment of Aphasia, by Goodglass and Kaplan, Igaku Shoin Publ. Co., Tokyo.