RECENT PUBLICATIONS

April 1975 - March 1976

A. Publications in English

- 1. Publications in Periodicals
- i. Original Contributions
 - Fujisaki, H. and O. Kunisaki (1975); "Analysis and Recognition of Voiceless Fricative Consonants in Japanese, " J. Acoust. Soc. Japan, Vol. 31, 741-742.
 - Fujisaki, H., Y. Sato, Y. Noguchi and T. Yamakura (1975); "Automatic Recognition of Semivowels in Spoken Words," J. Acoust. Soc. Japan, Vol. 31, 636-637.
 - Harada, S.I. (1975); 'The Functional Uniqueness Principle,'
 Attempts in Linguistics and Literature., Vol. 2, 17-24.
 - Harada, S. I. (1976); "Arguments that Japanese <u>To-Complements</u> are Noun Phrase Complements," <u>Attempts in Linguistics and Literature</u>. Vol. 3, 33-37.
 - Kiritani, S., K. Itoh and O. Fujimura (1975); "Tongue-Pellet Tracking by a Computer-Controlled X-Ray Microbeam System,"
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 - Kjellin, O. and J. B. Lovins (1975); 'Is a High, Low, Back Nonback Sound Possible?' Ann. Bull. RILP No. 9, 167-169.
 - Kjellin, O. (1975); 'How to Explain the 'Tones' in Tibetan, "Ann. Bull. RILP. No. 9, 151-166.
 - Miyawaki, K., W. Strange, R. Verbrugge, A. Liberman, J.J.Jen-kins and O. Fujimura (1975); "An Effect of Linguistic Experience: The Discrimination of [r] and [i] by native speakers of Japanese and English," Perception and Psychophysics, Vol. 18 (5), 331-340.
 - Sasanuma, S. and H. Momoi (1975); "Syndromes of Gogi (Word Naming) Aphasia: Selective Impairment of Kanji Processing," Neurology, 25, 627-632.
 - Sasanuma, S. (1975); "Kana and Kanji Processing in Japanese Aphasics," Brain and Language, 2, 369-383.
 - Sasanuma, S., T. Miyoshi, I.F. Tatsumi, Y. Kobayashi and H. Fujisaki (1975); "Perception of Dichotically Presented Synthetic Short Vowels: A Preliminary Report," Ann. Bull. RILP, No. 9, 113-118.
 - Tatsumi, I. F., S. Sasanuma and H. Fujisaki (1975); "On the Discrimination of Duration, Intensity and Frequency of Tone Stimuli: A Preliminary Report, "Ann. Bull. RILP, No. 9, 79-90.
- ii. Review Articles
- iii. Progress Reports
 - Benguerel, A-P., H. Hirose, M. Sawashima and T. Ushijima (1975); "Electromyographic Study of the Velum in French," Ann. Bull. RILP, No. 9, 79-90.

- Benguerel, A-P., H. Hirose, M. Sawashima and T. Ushijima (1975); "Velar Height and Its Timing in French: A Fiberoptic Study," Ann. Bull. RILP, No. 9, 67-78.
- Freeman, F. and T. Ushijima (1975); "The Stuttering Larynx: An EMG, Fiberoptic Study of Laryngeal Activity Accompanying the Moment of Stuttering," Haskins Laboratories Status Report on Speech Research, SR-41, 207-216.
- Fujisaki, H. and O. Kunisaki (1975); "Analysis and Recognition of Voiceless Fricative Consonants in Japanese." Ann. Bull. RILP, No. 9, 123-126.
- Fujisaki, H., Y. Sato, Y. Noguchi and T. Yamakura (1975); "Automatic Recognition of Semivowels in Spoken Words," Ann. Bull. RILP, No. 9, 119-122.
- Fujisaki, H. and S. Sekimoto (1975); "Perception of Time-varying Resonance Frequencies in Speech and Non-speech Stimuli,"

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- Gårding, E., O. Fujimura, H. Hirose and Z. Simada (1975);

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 Phonetic Laboratory, Lund Univ., 10: 53-82.
- Harris, K.S., H. Hirose and K. Hadding (1975); "Facial Muscle Activity in the Production of Swedish Vowels: An Electromyographic Study," Haskins Laboratories Status Report on Speech Research, SR-41, 175-196.
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- Kagaya, R. and H. Hirose (1975); "Fiberoptic, Electromyographic and Acoustic Analyses of Hindi Stop Consonants," Ann. Bull. RILP, No. 9, 27-46.
- Kiritani, S., K. Itoh, H. Imagawa, H. Fujisaki and M. Sawashima (1975); "Tongue Pellet Tracking and Other Radiographic Observations by a Computer Controlled X-ray Microbeam System."

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- Kjellin, O. (1975); "Progress Report on an Acoustical Study of Pitch in Tibetan," Ann. Bull. RILP. No. 9, 137-149.
- Miyawaki, K. (1975); "An Electromyographic Study of the Production of the Japanese Semivowel /j/; An Interim Report." The Tsuda Review, No. 20, 37-55.
- Miyawaki, K., H. Hirose, T. Ushijima and M. Sawashima (1975); "A Preliminary Report on the Electromyographic Study of the Activity of Lingual Muscles," Ann. Bull. RILP, No. 9, 91-106.
- Sawashima, M., H. Hirose, T. Ushijima and S. Niimi (1975);
 "Laryngeal Control in Japanese Consonants, with Special Reference to Those in Utterance-initial Postion," Ann. Bull. RILP, No. 9 21-26.
- Sawashima, M., Y. Fukusako and M. Abe (1975); "A Follow-up Study on Post Operative Speech of Cleft Palate Children," Ann. Bull. RILP, No. 9, 193-202.
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- Ushijima, T. and H. Hirose (1975); 'Velar Movement and Its Motor Command, 'Haskins Laboratories Status Report on Speech Research, SR-41, 207-216.
- Uyeno, T. and S. I. Harada; "Perception of Synthetic Structure in Japanese," Ann. Bull. RILP, No. 9, 171-192.

iv. Abstracts of Meeting Papers

- Freeman, F., T. Ushijima, M. Dorman, and G. Borden (1975);
 "Dysfluency and Phonation: an Electromyographic Investigation of
 Laryngeal Activity Accompanying the Moment of Stuttering,"
 Abstracts of the 8th International Congress of Phonetic Science, 95.
- Kiritani, S., K. Miyawaki, O. Fujimura and J. E. Miller (1975);

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 Suppl. No. 1, S3.
- Miyawaki, K., H. Hirose, and M. Sawashima (1975); "Activity Patterns of Lingual Muscles during Speech Production," Proc. of the 52nd General Meeting of the Physiological Society of Japan, Journal of the Physiol. Soc. of Japan, Vol. 37, No. 8/9, 269.
- Ushijima, T., H. Hirose, and M. Sawashima (1975); "Motor Control of the Velum during Speech," J. of the Physiological Society of Japan, Vol. 37, No. 8/9, 269-270).
- 2. Contributions in Meeting Proceedings, etc.
 - i. Printed Full Texts of Symposium Papers, etc.
 - Fujisaki, H., K. Nakamura and T. Imoto (1975); "Auditory Perception of Duration of Speech and Non-speech Stimuli," Auditory Analysis and Perception of Speech, G. Fant and M. Tatham, eds., Academic Press, London, 197-219.
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 - Kjellin, O. (1975); 'How to Explain the 'Tones' in Tibetan, 'Ann. Bull. RILP, No. 9, 151-166.

ii. Preprints of Meeting Papers in Proceedings or Digests

- Fujisaki, H., H. Hirose and M. Sugito (1975); "Analysis, Synthesis and Perception of Word Accent Types of Japanese," Abstracts of Papers, Eighth International Congress of Phonetic Sciences, Leeds, Paper 99.
- Hirose, H. (1975); 'The Function of the Abductor Laryngeal Muscle in Speech, 'Abstracts of Papers, Eighth International Congress of Phonetic Sciences, Leeds.
- Kiritani, S., K. Itoh, H. Fujisaki, M. Sawashima and O. Fujimura (1975); "Observations of Tongue Movements and Other Organs by Use of a Computer Controlled X-ray Microbeam System," The Biological Engineering Society, Edinburgh, England.

- Sasanuma, S. (1975); "Distinctive Features of Aphasic Symptomatology in Japanese Patients," J. Amer. Speech and Hearings Assn. Vol. 17, 590. Sawashima, M. (1975); "laryngeal Adjustments for Consonants,"

 Abstracts of Papers, Eighth Internalional Congress of Phonetic Sciences.
- 3. Contributions in Separate Publications
 - i. Papers in Festschrifts and Anthologies
- ii. Part of a Textbook or Handbook
 - Harada, S. I. (1976); 'Honorifics,' Japanese Generative Grammar (M. Shibatani, ed.): Academic Press, New York, 499-561.

B. Publications in Japanese

- 1. Publications in Periodicals
- i. Original Contributions
 - Harada, S. I. (1975); 'Esperanto from a Linguist's Point of View, 'Gengo [Language], Vol. 4, No. 8. 23-28.
 - Kiritani, S., K. Itoh, H. Fujisaki, M. Sawashima, E. Takenaka and Y. Tateno (1975): "Automatic Identification of Bone Contour Around the Hip Joint in Infant Phantom by Use of Computer-Controlled X-Ray Microbeam System," Nippon Acta Radiologica, Vol. 36, 43-46.
 - Kiritani, S., (1976); "Some Radiographic Observations by Use of Computer Controlled X-Ray Microbeam System," Jap. J. Medical Electronics and Biological Engineers, Vol. 14, No. 2, 19-24.
 - Sasanuma, S. (1975); "Communication Disorders and Therapeutic Procedures," Gengo, 4, 866-872.
 - Watamori, T. and S. Sasanuma (1976); "The Recovery Processes of Two English-Japanese Bilingual Aphasics," Brain and Nerve, 28, 77-85.

ii. Review Articles

- Fujisaki, H. (1976); "Reports of the Symposium on Dynamic Aspects of Speech Perception, Eindhoven, August 4-6, 1975," J. Acoust. Soc. Japan, Vol. 32, 48-51.
- Fujisaki, H. and H. Hirose (1976); "Reports of the Eighth International Congress of Phonetic Sciences, Leeds, August 18-23, 1975,"
 J. Acoust. Soc. Japan, Vol. 32, 52-56.
- Harada, S. I. (1976); "Linguistics Overseas: U.S.A." Gengo [Language], Vol. 5, No. 3, 66-68.
- (1975); "Linguistics Overseas: U. S. A." Gengo [Language], Vol. 4, No. 9, 826-828.
- (1975); "Linguisitcs Overseas: U.S.A." Gengo [Language], Vol. 4, No. 12, 1106-1108.
- (1976); "Publications by Linguistic Circles," Gengo [Language] Vol. 5, No. 5, 42-49.

- Hirose, H. (1976); "Report of the 8th International Congress of Phonetic Sciences," <u>Japan Logopedics and Phoniatrics</u>, Vol. 17, 29-31.
- Ito, K. (1975); "Biofeedback and Its Applications to Education, Psychology, and Behaviroal Science, Japanese Journal of Electroencephalography and Electromyography, Vol. 3, No. 3, 217-226.
- Kiritani, S. (1975); "On-line Computer Experiments for the Observation of Articulatory Movements", J. Soc. Instrument and Control Engineers, Vol. 14, No. 10, 765-773.
- Sawashima, M. (1975); "Speech Physiology," Kokugo-Nenkan (1975), 49-52.

iii. Progress Reports

iv. Abstracts of Meeting Papers

- Fukusako, Y., M. Abe and M. Sawashima (1975); "A Clinical Note on Articulation Disorders in Children," Japan J. Logopedics and Phoniatrics, Vol. 16, 142.
- Hirose, H. M. Sawashima, S. Niimi, and T. Ushijima (1975); "Movements of the Larynx During Speech - Adjustments in Initiation of Voice," Japan J. Otol. Tokyo, Vol. 78, 989-990.
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- Kiritani, S., K. Itoh, H. Imagawa, M. Sawashima and H. Fujisaki (1975): "Observation of the Tongue Movement by Computer-Controlled X-ray Microbeam, Japan J. Logopedics and Phoniatrics, Vol. 16, 136.
- Kobayashi, T., H. Hirose, T. Ushijima and Y. Tsubaki (1975); "Respiratory Function of Laryngotracheal Stenosis," J. Japan Broncho-Esophageal. Soc. 26, 264.
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- Miyawaki, K., H. Hirose, T. Ushijima, and M. Sawashima (1975); "An Electromyographic Study of the Production of the Japanese Vowels and the Semivowel /j/, "Transactions of Committee on Speech Research, Acoustical Soc. of Japan, S75-57 (1976-03).
- Miyawaki, K., H. Hirose, and M. Sawashima (1975); "Activity Patterns of Lingual Muscles during Speech Production," J. of the Physiological Society of Japan, Vol. 37, 269.
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- Mori, K., S. Sasanuma and T. Fujita (1975); "Effect of Aging on Selected Abilities of Gnosis and Praxis," Japanese J. of Geriatrics Vol. 12, 76.
- Saito, M., K. Itoh and I. Tahara (1975); "Analysis on Correlation of Voluntary Movements and Prefrontal EEG, " Japanese J. of Electroencephalography and Electromyography, Vol. 3, No. 2, 154.
- Sawashima, M., H. Hirose, T. Ushijima and S. Niimi (1975);

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- Ushijima, T. and H. Hirose, (1975); "Activity of the Levator Palatini Muscle during Speech," Japan J. Logopedics and Phoniatrics, Vol. 16, 137-138.
- Sawashima, M., S. Niimi, H. Shiga, T. Inoue, Y. Tsubaki (1975); "Swallowing Dysfunction in a Case of Unilateral Pharyngolaryngeal Paralysis," J. Japan Broncho-Esophag. Soc., Vol. 26, 260-261.
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- 2. Contributions in Meeting Proceedings, etc.
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 - Fujisaki, H., H. Morikawa and M. Sugito (1975); "Comparison of Accent Types of One- and Two-mora Words in Kinki Dialects," Reports of the 1975 Autumn Meeting of the Acoustical Society of Japan, 123-124.

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- Fujisaki, H., Y. Sato and T. Yamakura (1975); "Recognition of Semi-vowels of a Number of Speakers Based on a Model of Coarticulation," Reports of the 1975 Spring Meeting of the Acoustical Society of Japan, 269-270.
- Fujisaki, H., O. Kunisaki and S. Shibayama (1975); "Synthesis and Perception of Voiceless Fricative Consonants," Reports of the 1975 Spring Meeting of the Acoustical Society of Japan. 253-254.
- Kim, Bu-II, H. Fujisaki and M. Sawashima (1975); "Jaw, Tongue and Lip Control in the Articulation of Korean Vowels," Reports of the 1975 Spring Meeting of the Acoustical Society of Japan. 71-72.
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- Morikawa, H. and H. Fujisaki (1975): "Extraction of Speech Signal in Noisy Environments," Reports of the 1975 Autumn Meeting of the Acoustical Society of Japan, 473-474.
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 "Estimations of Information-processing Capacity for Word Recognition in a Limited Vocabulary," Reports of the 1975 Autumn Meeting of the Acoustical Society of Japan, 353-354.
- Sato, Y. and H. Fujisaki (1976); "A Real-time Recognition System of Spoken Words Using Parallel Processing by Microcomputers,"

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- Sawashima, M., H. Hirose, S. Niimi, and T. Ushijima (1975);

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3. Contributions in Separate Publications

ii. Part of a Textbook or Handbook

- Sasanuma, S. (1975); A chapter "Rehabilitation of Communication Disorders," in <u>Disorders of Communication</u>, S. Sasanuma (ed.), Tokyo, Ishiyaku Shuppan.
- Sasanuma, S. (1975); A chapter "Aphasia," in Disorders of Communication, S. Sasanuma (ed.), Tokyo, Ishiyaku Shuppan.

4. Monographs

5. Translations

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Addenda

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 - Bear, T., T. Gay and S. Niimi (1975); "Control of Fundamental Frequency, Intensity and Register of Phonation," <u>JASA</u>, Vol. 58, Suppl. No. 1.
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 Clinical Psychiatry, 6, 547-554.