

RECENT PUBLICATIONS

April 1977 - March 1978

A. Publications in English

1. Publications in Periodicals

i. Original Contributions

- Benguerel, A-P, H. Hirose, M. Sawashima and T. Ushijima (1977); Velar coarticulation in French: A Fiberscopic Study. *J. Phonetics* 5, 149-158.
- Benguerel, A-P, H. Hirose, M. Sawashima and T. Ushijima (1977); Velar Coarticulation in French: an Electromyographic Study. *J. Phonetics*, 5, 159-167.
- Fujisaki, H. and O. Kunisaki (1978); Analysis, Recognition, and Perception of Voiceless Fricative Consonants in Japanese. *IEEE Transactions on Acoustics, Speech, and Signal Processing*, ASSP-26, No. 1, 21-26.
- Hirose, H., S. Kiritani, T. Ushijima and M. Sawashima (1978); Analysis of Abnormal Articulatory Dynamics in two Dysarthric Patients. *Jour. Speech Hearing Dis.* 43:96-105.
- Hirose, H., M. Sawashima, T. Ushijima and Y. Kumamoto (1977); Eunuchoidism: Voice Pitch Abnormality as an Autonomous Syndrome. *Folia phoniat.* 29, 261-269.
- Hirose, H. (1977); Laryngeal Adjustment in Consonant Production. *Phonetica* 34, 289-294.
- Hirose, H. and T. Ushijima (1978); Laryngeal Control for Voicing Distinction in Japanese Consonant Production, *Phonetica*, 35:1-10.
- Itoh, M., S. Sasanuma and T. Ushijima (1977); Velar Movements During Speech in a Patient with Apraxia of Speech. *Ann. Bull. RILP*, 11, 67-75.
- Sasanuma, S., M. Itoh, K. Mori and Y. Kobayashi (1976); Tachistoscopic Recognition of Kana and Kanji Words. *Neuropsychologia*, 15, 547-553.
- Sasanuma, S. and Y. Kobayashi (in press); Tachistoscopic Recognition of Line Orientation. *Neuropsychologia*.

ii. Review Articles

iii. Progress Reports

- Fujisaki, H. (1977); Speech Information Processing by Man. *Ann. Bull. RILP*, 11, 1-10.
- Fujisaki, H. and A. Yokkaichi (1977); Discrimination and Short-term Retention of Speech and Non-speech Stimuli by normal and Hearing-Impaired Subjects. *Ann. Bull. RILP*, 11, 93-104.
- Hirose, H. (1977); Clinical Observations on 600 Cases of Recurrent Laryngeal Nerve Palsy. *Ann. Bull. RILP* 11, 165-173.
- Hirose, H., S. Kiritani, T. Ushijima and O. Kjellin (1977); Lingual Electromyography Related to Tongue Movements in Swedish Vowel Production. *Ann. Bull. RILP* 11, 39-50.
- Hirose, H., S. Kiritani, T. Ushijima, M. Sawashima (1977); Analysis of Abnormal Articulatory Dynamics in the Dysarthrias. *Ann. Bull. RILP* 11, 57-66.

- Hirose, H., M. Sawashima, T. Ushijima and Y. Kumamoto (1977); Eunuchoidism - Voice Pitch Abnormality as an Autonomous Syndrome. *Ann. Bull. RILP* 11, 155-163.
- Kirikae, I., M. Sawashima, H. Hirose and H. Fujisaki (1977); The Simulation of Children's Speech by Adult Actresses. *Ann. Bull. RILP* 11, 51-55.
- Kiritani, S., K. Itoh, H. Hirose and M. Sawashima (1977); Coordination of the Consonant and Vowel Articulations - X-ray Microbeam Study on Japanese and English. *Ann. Bull. RILP*, 11, 11-21.
- Kiritani, S., S. Sekimoto and H. Imagawa (1977); Parameter Description of the Tongue Movements for Vowels. *Ann. Bull. RILP*, 11, 31-37.
- Kunisaki, O. and H. Fujisaki (1977); On the Influence of Contexts upon Perception of Voiceless Fricative Consonants. *Ann. Bull. RILP*, 11, 85-92.
- Sekimoto, S. and H. Fujisaki (1977); Perception of Segmental and Suprasegmental Units in Time-Varying Formant and Fundamental Frequencies. *Ann. Bull. RILP*, 11, 77-84.
- Ushijima, T., H. Hirose, and M. Sawashima (1977); Effects of Accent and Speaking Rate on the Control of Velar Articulation. *Ann. Bull. RILP* 11, 23-30.
- Uyeno, T., S. I. Harada, H. Hayashibe and H. Yamada (1977); Comprehension of Simple Sentences and Relative Clause Constructions in Children with Hearing Disorders. *Ann. Bull. RILP, Univ. of Tokyo*, 11, 113-130.
- Uyeno, T., S. I. Harada, H. Hayashibe and H. Yamada (1977); Syntactic Structures Used in Compositions by Children with Hearing Disorders, *Annual Bulletin RILP*, 11, 105-112.
- Yoshioka, H., M. Sawashima, H. Hirose, T. Ushijima and K. Honda (1977); Clinical Evaluation of Air Usage During Phonation. *Ann. Bull. RILP*, 11, 175-190.

iv. Abstracts of Meeting Papers

- Hirose, H., S. Kiritani, T. Ushijima and M. Sawashima (1977); Physiological Studies of the Speech Dynamics in the Dysarthrias. XVIIth International Congress of Logopedics and Phoniatics, Copenhagen, August 1977, *Folia Phoniatic*. 28:240.
- Kirikae, I., M. Sawashima, H. Hirose and H. Fujisaki (1976); Simulation of Children's Voice by Vocal Substitute Actress. XVIIth International Congress of Logopedics and Phoniatics. Copenhagen, August 1977, *Folia Phoniatic*. 28, 252.
- Sawashima, M., H. Yoshioka, K. Honda, T. Ushijima and H. Hirose (1976); Clinical Evaluation of Air Usage during Phonation, XVIIth International Congress of Logopedics and Phoniatics, Copenhagen, August 1977, *Folia Phoniatic*. 28, 286.
- Ushijima, T., M. Sawashima and H. Hirose (1976); A Kinesiological Aspect of Myasthenia Gravis - An Electromyographic Study of Velar Movements during Speech. XVIIth International Congress of Logopedics and Phoniatics, Copenhagen, August 1977. *Folia Phoniatic*. 28, 302.

2. Contributions in Meeting Proceedings, etc.

i. Printed Full Texts of Symposium Papers, etc.

- Fujisaki, H. (1977); Functional Models of Articulatory and Phonatory Dynamics. Proceedings of the Symposium on Articulatory Modeling, Grenoble, July 11-12.
- Fujisaki, H. (1977); Speech Information Processing by Man. Invited Lecture, 9th International Congress on Acoustics, Madrid.
- Fujisaki, H., H. Morikawa, and M. Sato (1977); Temporal Organization of Segmental and Suprasegmental Features. Contributed Papers, 9th International Congress on Acoustics, Madrid, I, 479.
- Fujisaki, H. and A. Yokkaichi (1977); Discrimination and Short-Term Retention of Speech and Non-Speech Stimuli by Normal and Hearing-Impaired Subjects. Research Conference on Speech-Processing Aids for the Deaf, Gallaudet College, Washington, D. C.
- Ikeda, K., K. Itoh, A. Watanabe, M. Saito and M. Oshima (1978); Quantitative Estimation of Mental Activity by Electronic Techniques with Special Reference to Sleep Monitoring. Digest of the International Symposium and Workshop on Biomedical Engineering, New Delhi.
- Kiritani, S. (1977); Articulatory Studies by the X-ray Microbeam System. Dynamic Aspects of Speech Production, Proceeding of the U. S. - Japan Joint Seminar (M. Sawashima and F. S. Cooper, eds.), University of Tokyo Press, 171-190.
- Kiritani, S., K. Itoh, H. Fujisaki, M. Sawashima and O. Fujimura (1977); Observing Tongue Movement by Computer Controlled X-ray Microbeam. Biomedical Computing (W. J. Perkins, Ed.), Baltimore, 156-160.
- Kiritani, S., K. Kakita and S. Shibata (1977); 'Dynamic Palatography', Dynamic Aspects of Speech Production. Proceeding of the U. S. - Japan Joint Seminar (M. Sawashima and F. S. Cooper, eds.), Univ. of Tokyo Press, 159-168.
- Kiritani, S. and S. Sekimoto; Parameter Description of the Tongue Movements in the Vowel Production. Articulatory Modelling and Phonetics (R. Carre, R. Descout and M. Wajskop eds.), in press.
- Kiritani, S., S. Sekimoto, H. Imagawa, and H. Fujisaki (1977); Parameter Description of Tongue Point Movements in Vowel Production. Contributed Papers, 9th International Congress on Acoustics, Madrid, I, 419.
- Kiritani, S., Y. Tateno and T. Iinuma (1977); Computer Tomography of the Vocal Tract — Dynamic Aspects of Speech Production. Proceeding of the U. S. - Japan Joint Seminar (M. Sawashima and F. S. Cooper, eds.), University of Tokyo Press.
- Kunisaki, O. and H. Fujisaki (1977); On the Influence of Context upon Perception of Voiceless Fricative Consonants. Contributed Papers, 9th International Congress on Acoustics, Madrid, I, 476.
- Morikawa, H. and H. Fujisaki (1977); A New Method for Speech Analysis Based on Pole-Zero Model. Contributed Papers, 9th International Congress on Acoustics, Madrid, I, 448.
- Sasanuma, S. (1977); A Therapy Program for Impairment of Kana-syllabary in Japanese Aphasic Patients. Proceeding of the International Symposium on Aphasia, Göteborg, Sweden.

- Sato, Y. and H. Fujisaki (1977); Automatic Recognition of Semivowels in Spoken Words. Contributed Papers, 9th International Congress on Acoustics, Madrid, I, 477.
- Sekimoto, S. and H. Fujisaki (1977); Perception of Segmental and Suprasegmental Units in Time-Varying Formant and Fundamental Frequencies. Contributed Papers, 9th International Congress on Acoustics, Madrid, I, 473.
- Tatsumi, M., O. Kunisaki and H. Fujisaki (1977); Acoustic Analysis and Perceptual Evaluation of Sung Vowels. Contributed Papers, 9th International Congress on Acoustics, Madrid, I, 452.

ii. Preprints of Meeting Papers in Proceedings or Digests

- Darley, F. L., R. L. Keith and S. Sasanuma (1977); The Effect of Alerting and Tranquilizing Drugs upon the Performance of Aphasic Patients. Proceeding of the Seventh Annual Clinical Aphasiology Conference, Florida, USA.
- Fujimura, O., J. E. Miller and S. Kiritani (1977); A Computer-Controlled X-ray Microbeam Study of Articulatory Characteristics of Nasal Consonants in English and Japanese. Proceeding of the 9th International Congress on Acoustics, Madrid, 155.
- Hirose, H., S. Kiritani, K. Kakita, T. Ushijima and O. Kjellin (1977); Lingual Electromyography Related to Tongue Movements. Proceedings of the 9th International Congress on Acoustics, M Madrid, July 1977.
- Hirose, H., H. Yoshioka and S. Niimi (1977); A Cross Language Study of Laryngeal Adjustment in Consonant Production. IPS-77 Congress, Miami Beach, Florida, December 1977.
- Kiritani, S., K. Itoh, H. Hirose and M. Sawashima (1977); Coordination of the Consonant and Vowel Articulations, X-ray Microbeam Study on Japanese and English. Proceeding of the 9th International Congress on Acoustics, Madrid, 112.
- Kiritani, S., S. Sekimoto, H. Imagawa and H. Fujisaki (1977); Parameter Description of the Tongue Points Movements in the Vowel Production. Proceeding of the 9th International Congress on Acoustics, Madrid, 113.
- Niimi, S., and F. Bell-Berti (1977); An EMG-Air Pressure-Movement Study of Velopharyngeal Closure in Speech. 3rd International Congress on Cleft Palate and Related Craniofacial Anomalies, June 5-10, 1977, Toronto, Canada.
- Niimi, S. and F. Bell-Berti (1977); Relationship between Velar and Lateral Nasopharyngeal Wall Movement and Velopharyngeal Region EMG Activity. JASA, 62. Suppl. No. 1.

3. Contributions in Separate Publications

i. Papers in Festschrifts and Anthologies.

ii. Part of a Textbook or Handbook

- Hirose, H. (1977); Electromyography of the larynx and other speech organs. Dynamic Aspects of Speech Production, (Ed. M. Sawashima and F. S. Cooper) University of Tokyo Press.

- Itoh, K. and M. Saito (1977); Automatic Analysis of EEG during REM Period. In Biomedical Computing, J. Perkins (ed.), 37-40, Baltimore, University Park.
- Kiritani, S., K. Itoh, H. Fujisaki, M. Sawashima and O. Fujimura (1977); Observing Tongue Movement by Computer-Controlled X-ray Microbeam. Perkins W. J. ed. Biomedical Computing. Univ. Park Press. Baltimore.
- Sawashima, M (1977); Fiberoptic Observation of the Larynx and Other Speech Organs. M. Sawashima and F. S. Cooper, eds. Dynamic Aspects of Speech Production, Univ. Tokyo Press.

4. Monographs

- Sawashima, M. and F. S. Cooper ed. (1977); Dynamic Aspects of Speech Production. Univ. Tokyo Press.

B. Publications in Japanese

1. Publications in Periodicals

i. Original Contributions

- Abe, M., Y. Fukusako and M. Sawashima (1977); Results of Articulation Training on 60 Cleft Palate Patients. Jap. J. Logoped. Phoniat. 18, 67-73.
- Fujibayashi, M., Y. Fukusako, H. Monoi, N. Kobayashi, I. Tatsumi and H. Hirose (1977); Characteristics of Dysarthric Speech due to Cerebellar Disorders, Pseudobulbar Palsy and Amyotrophic Lateral Sclerosis. Jap. Jour. Logopedics and Phoniatrics. 18, 101-109.
- Fujisaki, H. and M. Sugito (1978); Analysis and Perception of Two-Mora Word Accent Types in the Kinki Dialect. Journal of the Acoustical Society of Japan, 34, No. 3, 167-176.
- Hirose, H., S. Kiritani, H. Yoshioka, M. Sawashima and T. Ushijima (1977); A Study of Articulatory Dynamics in the Dysarthrias. Part I: Cerebellar Degeneration. Jap. Jour. Otol. Tokyo. 80, 1475-1482.
- Kiritani, S. (1978); Perturbations of the Consonant and Vowel Articulation by the Adjacent Segments. Journal of the Acoustical Society of Japan, 34, No. 3, 132-139.
- Kobayashi, T., H. Hirose, T. Ushijima, S. Iwamura and Y. Tsubaki (1977); Evaluation of laryngeal and tracheal stenosis using Flow-Volume loops. Jour. Jap. Broncho-Esophag. Soc. 28, 199-204.
- Monoi, H. and S. Sasanuma (1977); Aphasia Accompanied by Auditory Disorders Following Bilateral Temporal Lobe Lesions: A Case Report. Brain and Nerve, 29, 675-684.
- Sasanuma, S. (1977); Acquired Aphasia in Children. Japanese J. Clinical Psychiatry, 6, 1191-1199.
- Sasanuma, S. (1977); Aphasia: Aspects of Symptomatology and Clinical Procedures. Brain and Nerve, 29, 489-504.

- Sasanuma, S. (1978); Assessment of Aphasia. *Sogo Rehabilitation*, 6, 89-103.
- Sasanuma, S. (1977); Language Therapy for Aphasia. *Advances in Neurological Sciences* 21, 1016-1028.
- Sasanuma, S. (1977); The Impairment of Kana and Kanji Proceeding in Aphasia, *Gengo (Language)*, 6, No. 8, 66-74.
- Sasanuma, S. and O. Fujimura (1977); Can Linguistics Contribute to Aphasiology? *Advances in Neurological Sciences*, 21, 908-917.
- Sato, Y. and H. Fujisaki (1978); Formulation of the Process of Coarticulation in terms of Formant Frequencies and Its Application to Automatic Speech Recognition. *Journal of the Acoustical Society of Japan*. 34, No. 3. 177-185
- Sato, Y., A. Terao, K. Inoue, T. Harada, K. Ichimura, H. Yoshioka, H. Suzuki, Y. Takahashi, M. Morita, E. Takenaka, H. Takahashi, and A. Kumazawa (1977); Functional Surgery in Head and Neck Tumor. *O. R. L. Tokyo* 20-3, 1-43.
- Yoshioka, H., M. Sawashima, H. Hirose, T. Ushijima and K. Honda (1977); Clinical Evaluation of Air Usage during Phonation. *Jap. J. Logopedics and Phoniatics*, 18, 87-93.

ii. Review Articles

- Fujisaki, H. (1978); Current Status and Future of Speech Research - A Review, *Journal of the Acoustical Society of Japan*, 34, No. 3, 117-121.
- Fujisaki, H. (1977); The Report of 9th International Congress on Acoustics. *Journal of the Acoustical Society of Japan*, 33, No. 11, 648-649.
- Fujisaki, H. and M. Shigenaga (1977); Reports of the Symposium on Articulatory Modeling, Grenoble, July 11-12. *Journal of the Acoustical Society of Japan*, 33, No. 12, 691-694.
- Fujisaki, H. and A. Yokkaichi (1977); Report of the Research Conference on Speech-Processing Aids for the Deaf, Washington, D. C., May 24-26. *Journal of the Acoustical Society of Japan*, 33, No. 11, 639-641.
- Kiritani, S. (1978) ; Radiographic Observations by Use of X-ray Microbeam. *Clinical ME, Iryo Journal Co.*, 1, 133-138.
- Sawashima, M. (1977); Medical Aspects of Voice. *Karadano-Kagaku*. 75, 32-37.
- Sawashima, M. (1977); On Dynamic Aspects of Speech Production. *J. IECE of Japan*, 60 , 916-923.

iii. Progress Reports

iv. Abstracts of Meeting Papers

- Endo, T., Y. Fukusako and S. Sasanuma (1977); Three Cases of Gerstmann Syndrome with Aphasia. *Japanese J. Rehabilitation Medicine*, 14, 367.
- Fukusako, Y., H. Monoi, T. Endo, T. Suzuki and S. Sasanuma (1978); Recovery Patterns in Aphasic Patients. *Japanese J. Logopedics and Phoniatics*, 19, 109-110.
- Hirose, H. (1978); Neurophysiological Examinations of Patients with Dysphonia. *Jap. Jour. Logopedics Phoniatics* 19:127-128.

- Hirose, H., S. Kiritani, M. Sawashima and T. Ushijima (1977); A study of Articulatory Dynamics in Dysarthric Patients. *Jap. Jour. Otol.* Tokyo, 80, 1215-1216.
- Hirose, H., S. Kiritani, M. Sawashima, H. Yoshioka, and T. Ushijima (1978); Analysis of Abnormal Articulation. *Jap. Jour. Logopedics Phoniatics.* 19, 23-24.
- Hirose, H., T. Ushijima, M. Sawashima, H. Yoshioka, T. Kobayashi and M. Abe (1978); Speech Disorders Related to Dysfunctions of the Tongue. *Jap. Jour. Otol.* Tokyo 81, 85.
- Itoh, K. (1977); Analysis of Feedforward Mechanism in Speech Behavior. *Jap. J. Med. Electronics and Biol. Engineering*, 15 (s), 200-201.
- Itoh, M., S. Sasanuma, Y. Watamori, T. Suzuki, K. Endo, and A. Takeuchi (1977); A Test of Communication Abilities in Daily Living for Aphasia. *Japanese J. Rehabilitation Medicine*, 14, 368.
- Itoh, M., S. Sasanuma, Y. Watamori, Y. Fukusako, H. Monoi and A. Takeuchi (1978); Aphasia Tests: Current Status and Research Needs. *Japanese J. Logopedics and Phoniatics*, 19, 143-144.
- Itoh, M., S. Sasanuma, H. Hirose, H. Yoshioka and T. Ushijima (1978); Articulatory Dynamics in a Patient with Apraxia of Speech, *Japanese J. Logopedics and Phoniatics*, 19, 25-26.
- Kiritani, S. K. Itoh, H. Fujisaki and M. Sawashima (1977); Coordination of Vowel and Consonant Articulation. *Reports of the 1977 Spring Meeting of the Acoust. Soc. Japan*, 111-112.
- Kiritani, S. and M. Sawashima (1978); Perturbation of Vowel Articulation by Consonant Environment *Jap. J. Logoped. Phoniatic.* 19, 35-36.
- Kumai, K., N. Ogawa, S. Shiraishi, Y. Fukusako, H. Monoi, I. Tatsumi and H. Hirose (1978); Speech Characteristics of Parkinsonism. *Jap. Jour. Logopedics Phoniatics.* 19, 20-22.
- Miyoshi, T. and S. Sasanuma (1977); The Effect of Aging on Dichotic Listening Tasks Using Synthetic Vowels and Stop Consonants. *Japanese J. Logoped. Phoniatic.* 19, 8-9.
- Ohishi, K., S. Sawaki and H. Hirose (1977); A Modification of Woodman's Operation. *Jap. Jour. Otol.* Tokyo 80, 1315.
- Sasanuma, S. (1977); Rehabilitation of Aphasic Patients. *Japanese J. Rehab. Med.* 14, 361-362.
- Sawashima, M. (1978); Acoustic Analysis of Pathologic Voice. *Jap. J. Logoped. Phoniatic.* 19, 132-133.
- Suzuki, T., Y. Fukusako, T. Fujimoto, A. Karasawa, M. Kobayashi, N. Yatomi and S. Sasanuma (1977); Aphasic Performances on the Kohs Block-Design Test and the Benton Visual Retention Test. *Japanese J. Geriatrics*, 14 (Supplement), 66-67.
- Tatsumi, I., S. Sasanuma, H. Hirose and S. Kiritani (1978); Extraction of Speech Characteristics of Cerebellar Ataxia. *Jap. Jour. Logoped. Phoniatic.* 19, 22-23.
- Tatsumi, I., S. Sasanuma, S. Kiritani and H. Hirose (1978); Temporal Characteristics of Ataxic Speech in a Task of Syllable Repetition. *Japanese J. Logopedics and Phoniatics*, 19, 22-23.
- Ushijima, T. M. Abe, J. Yano, M. Sawashima, H. Hirose, H. Yoshioka, and H. Iida (1978); Two Cases of Tongue Thrust in Speech Articulation. *Jap. J. Logoped. Phoniatic.* 19, 20.

- Yoshioka, H. K. Honda, T. Ushijima, H. Hirose, and M. Sawashima (1977); Clinical Measurement of Air Flow Rate during Phonation by Use of Spirometer and Hot-Wire Flowmeter. *Jap. J. Otol. Tokyo* 80, 127.
- Yoshioka, H., K. Honda, T. Ushijima, H. Hirose and M. Sawashima (1977); Measurements of Air-flow During Speech using a Spirometer and a Hot Wire Flowmeter. *Jap. Jour. Otol. Tokyo* 80, 1315.
- Yoshioka, H., K. Honda, K. Inoue and H. Hirose (1977); Laryngeal Functions after Partial Laryngectomy. *Jap. J. Otol. Tokyo* 80, 833.
- Watomori, Y. and S. Sasanuma (1977); Communication Management for Aphasic Patients. *Japanese J. Rehabilitation Medicine*, 14, 368.
2. Contributions in Meeting Proceedings, etc.
- i. Printed Full Texts of Symposium Papers, etc.
- Fujisaki, H. and N. Higuchi (1977); Duration Analysis of Segmental and Suprasegmental Units in Two-Mora Words. *Transactions of Committee on Speech Research, Acoustical Society of Japan*, S77-21.
- Fujisaki, H., Y. Katagiri, and Y. Sato (1977); Feature Extraction and Automatic Recognition of Sustained Vowels Uttered by a Number of Unknown Speakers. *Transactions of Committee on Speech Research, Acoust. Soc. of Japan*, S77-08.
- Fujisaki, H., M. Shigenaga, M. Nakatsui and S. Kiritani (1977); Reports of the 9th International Congress on Acoustics (Madrid, July 4-8, 1977) and the Symposium on Articulatory Modeling (Grenoble, July 11-12, 1977). *Transactions of Committee on Speech Research, Acoustical Society of Japan*, S77-16.
- Fujisaki, H., F. Takamura, and Y. Sato (1977); Non-Uniform Sampling of Features and Its Application to Spoken Word Recognition. *Transactions of Committee on Speech Research, Acoustical Society of Japan*, S77-12.
- Hakamatani, T., K. Hashimoto, S. Sekimoto and S. Kiritani (1978); Dynamic Characteristics of Tongue Movements for Vowels. *Trnasactions of Committee on Speech Research, Acoustical Soc. Japan*, S78-04
- Hirose, H., S. Kiritani, T. Ushijima and O.Kjellin (1977); An Electromyographic and X-ray Microbeam Study on the Production of Swedish Vowels. *Transactions of Committee on Speech Research Acoust. Soc. Japan*. S77-32.
- Hirose, H. and M. Sawashima (1978); Disturbance of Rhythmic Structure in Speech - with Special Reference to Dysarthria - *Transactions of Committee on Speech Research, Acoust. Soc., Japan*, S77-62.
- Kiritani, S., K. Itoh, M. Sawashima, and H. Fujisaki (1977); Coordination of Consonant and Vowel Articulations in Japanese. *Transactions of Committee on Speech Research, Acoustical Society of Japan*, S77-02.
- Kunisaki, O., T. Suehiro, and H. Fujisaki (1978); Acoustical Features of Voiceless Fricative Consonant /h/. *Transactions of Committee on Speech Research, Acoustical Society of Japan*, S77-49.

- Morikawa, H. and H. Fujisaki (1977); Analysis and Feature Extraction of Voiceless Stop Consonants Based on an Adaptive Pole-Zero Model. Transactions of Committee on Speech Research, Acoustical Society of Japan, S77-40.
- Sawashima M., H. Hirose and H. Yoshioka (1978); Activity Patterns of the Laryngeal Abductor and Adductor Muscles in Relation to Glottal Opening and Closing Movements. Transactions of Committee on Speech Research. Acoust. Soc. Japan S77-75.
- Sawashima, M., H. Hirose and H. Yoshioka (1978); Evaluation of Air Usage during Phonation in the Voice Disorder Clinic. Transactions of Committee on Speech Research, Acoust. Soc. Japan S77-65.
- Shigeno, S. and H. Fujisaki (1977); Anchoring Effects in the Perception of Speech and Non-Speech Stimuli. Transactions of Committee on Speech Research, Acoustical Society of Japan, S77-20.
- Sugito, M. and H. Fujisaki (1977); Individual and Dialectal Differences in Perception of Japanese Word Accent. Transactions of Committee on Speech Research, Acoustical Society of Japan, S77-30.
- Tatsumi, I., S. Sasanuma and H. Fujisaki (1978); Perception of Auditory Duration and Visual Length in Aphasic Patients. Transactions of Committee on Speech Research, Acoustical Society of Japan, S77-61.
- Uyeno, T. (1977); On Predicateless Headline Constructions in Japanese. Proceedings of the First Annual Meeting, Japan Society for Science Education, 115-116.
- Uyeno, T., S.I. Harada, H. Hayashibe and H. Yamada (1977); Comprehension of "YARI-MORAI" (GIVING AND RECEIVING) Sentences in Japanese Children, Special Research of 'Language', Ministry of Education, The Uyeno Group, Report 52-1.
- Uyeno, T., S.I. Harada, H. Hayashibe and H. Yamada (1978); An Experimental Study on the Comprehension of Giving and Receiving Sentences in Japanese Children. Transactions of Committee on Speech Research, Acous. Soc. Japan, S77-68, H49-10.
- Yokkaichi, A. and H. Fujisaki (1978); Identification of Synthetic Speech Stimuli in Hard-of-Hearing Subjects, Transactions of Committee on Speech Research, Acoustical Society of Japan, S77-60.
- Yokkaichi, A. and H. Fujisaki (1977); Perception of Non-Stationarity in Speech and Non-Speech Stimuli, Transactions of Committee on Speech Research, Acoustical Society of Japan, S77-19.

ii. Preprints of Meeting Papers in proceedings or Digests

- Fujisaki, H. and N. Higuchi(1977); Temporal Variations of Acoustical Parameters in Two-Mora Words. Reports of the 1977 Autumn Meeting of the Acoustical Society of Japan, 41-42.
- Fujisaki, H., K. Hirose, Y. Katagiri, and W. Takeuchi (1978); Quantification of the Process of Transmission of Meaning through Language. Record of the National Convention of the Institute of Electronics and Communication Engineers of Japan, 5, 194.
- Higuchi, N. and H. Fujisaki (1977); Perceptual Study of Vowel Duration in Spoken Words. Reports of the 1977 Spring Meeting of the Acoustical Society of Japan, 121-122.

- Hirota, K., O. Kunisaki, and H. Fujisaki (1977); Perceptual Study of Voiceless Stop Consonants by Truncation of Natural Sounds. Reports of the 1977 Spring Meeting of the Acoustical Society of Japan, 123-124.
- Hirose, H. S. Kiritani, M. Sawashima and T. Ushijima (1977); Motor Patterns of Abnormal Articulation. Reports of the 1977 Autumn Meeting of the Acoust. Soc. Japan 9-10.
- Hirose, H., M. Sawashima and T. Ushijima (1977); Laryngeal control in the Production of Danish Stop Consonants and "støð". Reports of the 1977 Spring Meeting of the Acoust. Soc. Japan, 115-116.
- Katagiri, Y. and H. Fujisaki (1977); Automatic Recognition of Sustained Japanese Vowels of a Number of Speakers. Record of the National Convention of the Information Section of the Institute of Electronics and Communication Engineers of Japan, 217.
- Kiritani, S., K. Itoh, H. Fujisaki, and M. Sawashima (1977); Coordination of Vowel and Consonant Articulation. Reports of the 1977 Spring Meeting of the Acoustical Society of Japan, 111-112.
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