

RECENT PUBLICATIONS

April 1981 – March 1982

A. Publications in English

A.1. Publications in Periodicals

A.1.i. Original Contributions

- Hibi, S. (1982): A Study of Rhythm Perception in Repetitive Sound Sequence. *J. of Acoust. Soc. of Jpn. (E)*. (in press)
- Hirose, H., S. Kiritani, T. Ushijima, H. Yoshioka and M. Sawashima (1981): Patterns of Dysarthric Movements in Patients with Parkinsonism. *Folia Phoniatic.*, 33, 204-215.
- Löfqvist, A., T. Baer and H. Yoshioka (1981); Scaling of Glottal Opening. *Phonetica*, 38, 265-276.
- Löfqvist, A. and H. Yoshioka (1981); Interarticular Programming in Obstruent Production. *Phonetica*, 38, 21-34.
- Löfqvist, A. and H. Yoshioka (1981); Laryngeal Activity in Icelandic Obstruent Production. *Nordic J. of Linguistics*, 4, 1-18.
- Mochizuki-Sudo, Michiko (1981): The Identification of /r/ and /l/ in Natural and Synthesized Speech. *J. of Phonetics*, 9, 283-303.
- Yoshioka, H. (1981); Laryngeal Adjustments in the Production of the Fricative Consonants and Devoiced Vowels in Japanese. *Phonetica*, 38, 236-251.
- Yoshioka, H. and A. Löfqvist (1981); Laryngeal Involvement in Stuttering – A Glottographic Observation Using a Reaction Time Paradigm. *Folia Phoniatic.*, 33, 348-357.
- Yoshioka, H., A. Löfqvist and H. Hirose (1981); Laryngeal Adjustments in the Production of Consonant Clusters and Geminate in American English. *J. Acoust. Soc. Am.* 70, 1615-1623.
- Yoshioka, H., A. Löfqvist and H. Hirose (1982); Laryngeal Adjustments in Japanese Voiceless Sound Production. *J. of Phonetics*, 10, 1-10.

A.1.ii. Review Articles

none

A.1.iii. Progress Reports

- Borden, G.J., K.S. Harris, H. Fitch and H. Yoshioka (1981); Producing Relatively Unfamiliar Speech Gestures: A Synthesis of Perceptual Targets and Production Rules. Haskins Labs. Status Report on Speech Research, SR-66, 85-118.
- Hirose, H., H.S. Park, H. Yoshioka, M. Sawashima and H. Umeda (1981); An Electromyographic Study of Laryngeal Adjustments for the Korean Stops. Ann. Bull. RILP, 15, 31-43.
- Hirose, H., M. Sawashima and H. Yoshioka (1981); Clinical Observations on 750 Cases of Laryngeal Palsy. Ann. Bull. RILP, 15, 173-180.
- Hirose, H. (1981); Psychogenic Disorders of Voice – Some Physiological Considerations. Ann. Bull. RILP, 15, 147-164.
- Itoh, K. and S. Kikkawa (1981); Sound Image Space and Dominance. Ann. Bull. RILP, 15, 55-61.
- Kiritani, S. and H. Hirose (1981); Relative Timing of the Consonant and Vowel Articulations in Selected VCV Utterances in American English. Ann. Bull. RILP, 15, 1-8.
- Löfqvist, A. and H. Yoshioka (1981); Interarticular Programming in Obstruent Production. Haskins Labs. Status Report on Speech Research, SR-65, 91-108.
- Saitoh, O., T. Kameyama, K-I. Hiramatsu, S-I. Niwa and K. Itoh (1981); Event-Related Brain Potentials and Selective Attention in Schizophrenia. Ann. Bull. RILP, 15, 109-127.
- Saito, S., S. Sekimoto and S. Kiritani (1981); Intelligibility of the Frequency Compressed Speech and Its Application to the Hearing Aids. Ann. Bull. RILP, 15, 71-90.
- Sawashima, M., H. Hirose, S. Hibi, H. Yoshioka, N. Kawase and M. Yamada (1981); Measurement of the Vocal Fold Length by Use of Stereoendoscope. – A Preliminary Study. Ann. Bull. RILP, 15, 9-16.
- Yoshioka, H. and H. Hirose (1981); Laryngeal Adjustments in Japanese Word Accent. Ann. Bull. RILP, 15, 17-30.

A.1.iv. Abstracts of Meeting Papers

- Bell-Berti, F., J. B. Henderson and K. Honda (1981); Velar Coarticulation in Nasal and Oral Vowel Environments: A Comparison of English and Hindi. J. Acoust. Soc. Am. 69, Suppl. 1, S55.

- Hiramatsu, K., S. Niwa, T. Kameyama, O. Saitoh, Y. Saitoh and K. Itoh (1981); Asymmetry of AEP Patterns in Schizophrenics with Persistent Auditory Hallucinations. *Electroenceph. Clin. Neurophysiol.*, 52, S37.
- Honda, K. and T. Baer (1981); Interaction between Pitch Control and Articulatory Mechanisms. *J. Acoust. Soc. Am.* 70, Suppl. 1, S12.
- Honda, K., T. Baer, H. Hirose and M. Sawashima (1981); Relationship between Vowel Articulation and Pitch Control. *J. Acoust. Soc. Am.* 69, Suppl. 1, S67.
- Itoh, K. (1982); Speech-Related Cerebral Activities and Rhythm Hierarchy in Human Verbal Behavior. *Neuroscience*, 7, S101.
- Itoh, K., S. Niwa, K. Hiramatsu, T. Kameyama, O. Saitoh, Y. Saitoh and S. Kikkawa (1981); Hemispheric Asymmetry of Auditory Evoked Responses in Visual Orientation Tasks and Abnormal Verbal Behavior. *Electroenceph. Clin. Neurophysiol.*, 52, S69.
- Saitoh, O., S. Niwa, K. Hiramatsu, T. Kameyama, Y. Saitoh and K. Itoh (1981); Disorders of Selective Attention in Schizophrenics: Analysis Using ERPs Elicited During Dichotic Listening Tasks. *Electroenceph. Clin. Neurophysiol.*, 52, S27.

A.2. Contributions in Meeting Proceedings, etc.

A.2.i. Printed Full Texts of Symposium Papers, etc.

none

A.2.ii. Preprints of Meeting Papers in Proceedings or Digests

- Hirose, H., M. Sawashima and H. Yoshioka (1981); Clinical Observation on 750 Cases of Laryngeal Palsy. Abstracts of the XII World Congress of Otorhinolaryngology, Budapest, June, 1981, 74.
- Hirose, H., M. Sawashima and H. Yoshioka (1981); Laryngeal Adjustments for Initiation of Utterances – A Simultaneous EMG and Fiberscopic Study. Proceedings of 2nd Vocal Fold Physiology Conference, Madison, June, 1981, 87-95.
- Honda, K. (1981); Relationship between Vowel Articulation and Pitch Control. Proceedings of 2nd Vocal Fold Physiology Conference, Madison, June, 1981, 102-111.

Sawashima, M., H. Hirose, K. Honda and S. Hibi (1981); Measurement of the Laryngeal Structures by Use of a Stereoendoscope. Proceedings of 2nd Vocal Fold Physiology Conference, Madison, June, 1981, 96-101.

Yoshioka, H. (1981); Laryngeal Adjustments in Running Speech. Abstracts of the XII World Congress of Otorhinolaryngology, Budapest, June, 1981, 163-164.

A.3. Contributions in Separate Publications

A.3.i. Papers in Festschrifts and Anthologies

none

A.3.ii. Part of a Textbook or Handbook

Hirose, H. (1981); Comments on "Laryngeal Afferent Systems Phonatory Control", "Fiberoptic Observation and Measurement of Vocal Cord Movement" and "Electromyography as a Technique for Laryngeal Investigation", ASHA Report, No. 11. Proceedings of the Conference on the Assessment of Vocal Pathology, ASHA.

Hirose, H. and M. Sawashima (1981); Functions of the Laryngeal Muscles in Speech. In Vocal Fold Physiology, K. N. Stevens and M. Hirano (Eds.). University of Tokyo Press, Tokyo, 137-154.

Sawashima, M. and H. Hirose (1981); Abduction-Adduction of the Glottis in Speech and Voice Production. In Vocal Fold Physiology, K. N. Stevens and M. Hirano (Eds.), University of Tokyo Press, Tokyo, 329-344.

A.4. Monographs

none

B. Publications in Japanese

B.1. Publications in Periodicals

B.1.i. Original Contributions

Itoh, K. and S. Saito (1982); Effects of Acoustical Parameters of Speech on Perceptual Identification of Speaker. *Trans. J. Inst. Electro. and Comm. Eng. Japan*, J65-A, 101-108.

Saito, S. (1981); Factors Governing Speech Intelligibility of the Synthesized Speech. *Communication Disorder Research*, 9, 55-63.

Suzaki, H., I. Kawabata, M. Abe, S. Niimi and H. Hirose (1982); A Case of Bilateral Congenital Choarral Atresca, *Otolaryng. (Tokyo)*, 54, 85-91.

B.1.ii. Review Articles

Hirose, H. (1981); Clinical Examinations of Bulbar Palsy with Special Reference to Deglutition, Phonation and Articulation. *Neurologic Medicine (Shinkei Naika)*, 13, 418-425.

Hirose, H. (1982); Delayed Speech Development. *Pediatric Medicine*, 15, 42-49.

Hirose, H. (1981); Report on the XII World Congress of Otorhinolaryngology. *The Tokyo Journal of Medical Sciences*, 88, 33-37.

Kobayashi, T., K. Ishii and N. Kawase (1982); Ramsay Hunt Syndrome. *Jpn. J. Clin. Med., Suppl.* 40, 756-757.

Saito, S. (1982); Progress of the Speech Information Processing Technique. *Electro. Comm. Industry*, 22, [2], 2-13.

Saito, S. (1981); Recent Progress in Automatic Speech Recognition, *Language*, 10, [10], 32-37.

Saito, S. (1982); Speech Recognition, Part 1, Speech Analysis and Feature Parameters, *J. Inst. Electro. and Comm. Eng. Japan*, 65, 76-83.

Saito, S. (1982); Speech Recognition, Part 2, Recognition of Phonemic Information and Speech Understanding. *J. Inst. Electro. and Comm. Eng. Japan*, 65, 178-185.

Saito, S. (1982); Speech Recognition, Part 3, Perception and Recognition of Speaker. *J. Inst. Electro. and Comm. Eng. Japan*, 65, 262-271.

B.1.iii. Progress Reports

none

B.1.iv. Abstracts of Meeting Papers

Abe, M. and M. Sawashima (1982); A Clinical Report on "Congenital Paralysis" of the Velum. *Jpn. J. Logop. Phoniatr.* 23, 20.

Fukusako, Y., H. Monoi, I. F. Tatsumi, K. Kumai, T. Ebashi, K. Suzuki and H. Hirose (1982); Characteristics of Dysarthric Speech, *Jpn. J. Logop. Phoniatr.* 23, 16-17.

Hibi, S. (1982); Detection of the Temporal Distortion in Repetitive Sound Sequence. *Jpn. J. Logop. Phoniatr.* 23, 89.

Hirose, H., S. Kiritani, I. F. Tatsumi and S. Sekimoto (1982); Acoustic Properties of Dysarthric Speech – Ataxic Dysarthria – *Jpn. J. Logop. Phoniatr.* 23, 16-17.

Kawase, N., M. Sawashima, H. Hirose, T. Ushijima and H. Yoshioka (1982); A Statistical Study of Vocal Cord Nodule, Vocal Cord Polyp and Polypoid Vocal Cord. *Jpn. J. Logop. Phoniatr.* 23, 100-101.

Kawase, N., M. Sawashima, H. Hirose, H. Yoshioka and T. Ushijima (1982); Clinical Classification of Associated Laryngeal Palsy. *J. Otolaryngol. Jpn.* 85, 88-89.

Kiritani, S. and H. Hirose (1981); Response Characteristics of the Velum Movement to the Activity of Levator Palatini Muscle. *Jpn. J. Logop. Phoniatr.* 23, 12.

Kumai, K., N. Ainoda, M. Abe, M. Sawashima, K. Okazaki, I. Honjoh and Y. Watanabe (1982); Articulation Test Words for Infants with Cleft Palate. *Jpn. J. Logop. Phoniatr.* 23, 47.

Sawashima, M., H. Hirose, H. Yoshioka, N. Kawase, S. Hibi, T. Ushijima and M. Yamada (1981); Measurement of the Vocal Fold Length by Use of a Stereoscopic Endoscope. *Jpn. J. Logop. Phoniatr.* 23, 57.

Yoshioka, H., H. Hirose and M. Sawashima (1981); Photo-Electric Glottography for Estimating Glottal Area Variations in Running Speech. *J. Otolaryngol. Jpn.* 84, 1254-1255.

B.2. Contributions in Meeting Proceedings, etc.

B.2.i. Printed Full Texts of Symposium Papers etc.

Hirose, H., H. Yoshioka and M. Sawashima (1981); Mechanism of Laryngeal Control for Initiation of Utterances – A Simultaneous Observation of Laryngeal EMG and Glottal Configuration – Transactions of Committee on Speech Research, Acoust. Soc. Japan. S81-26, 201–207.

Hirose, H. (1981); Visual Examination of Dyspnea. Panel Discussion on Dyspnea. Regional Meeting. Jap. ORL Soc., July, 1981.

Hirose, H. (1981); Voice and Endocrine Problems. Panel Discussion on Laryngeal Disorders. Regional Meeting, Jap. ORL Soc., Feb., 1981.

Kiritani, S., H. Imagawa, K. Shirai, S. Masaki and T. Takahashi (1982); Characteristics of the Jaw Movements in the Production of the Connected Vowels. Transactions of Committee on Speech Research, Acoust. Soc. Japan, S81-98, 789–796.

Sawashima, M., H. Hirose and H. Yoshioka (1981); Relative Timing of Tongue and Laryngeal Adjustments in Japanese Word Accent: A Study on Non-Sense Two-Mora Words in Frame Sentences. Transactions of Committee on Speech Research. Acoust. Soc. Japan. S81-25, 193–200.

Sawashima, M., H. Hirose, H. Yoshioka, S. Hibi, N. Kawase and S. Kiritani (1982); Measurement of Laryngeal Structure by Use of a Stereoendoscope. Transactions of Committee on Speech Research. Acoust. Soc. Japan. S81-100, 805–810.

Yoshioka, H., H. Hirose and M. Sawashima (1981); Current Trends in Laryngology: Speech Physiology. Preprints of the Sixteenth Meeting on Basic Laryngology, Kyoto, 10–12.

B.2.ii. Preprints of Meeting Papers in Proceedings or Digests

Anzai, N., O. Saitoh, K. Masui, T. Kameyama, K. Hiramatsu, S. Niwa, Y. Okazaki and K. Itoh (1982); Perceptive and Productive Disorders of Affective Behavior in Schizophrenics: Extraction of Speech Parameters Related to Affective Behavior. Proceedings of 4th Meeting of Tokyo Society of Psychiatric Medicine.

Hiramatsu, K., S-I. Niwa, T. Kameyama, O. Saitoh and K. Itoh (1981); Event-Related Potentials and Cognitive Abilities in Syllable Discrimination Tasks. Proceedings of 3rd Conference of Japan Society of Biological Psychiatry.

- Hirose, H., H. Yoshioka and M. Sawashima (1981); Laryngeal Control for Initiation of Utterances. Reports of the 1981 Spring Meeting of Acoust. Soc. Japan. (ii) 505-506.
- Imagawa, H., S. Kiritani and S. Saito (1981); Effect of the Parameter of the Glottal Frequency Control Model on Pitch Perception of Sentence Speech. Reports of the 1981 Autumn Meeting of the Acoust. Soc. Japan, 45-46.
- Iwamura, S., K. Ooishi, S. Sawaki and H. Hirose (1981); Idiopathic Associated Laryngeal Palsy. Abstracts of the 33rd Annual Meeting of Japan Bronchoesophagol. Society, 68.
- Kameyama, T., S-I. Niwa, K-I. Hiramatsu, O. Saitoh and K. Itoh (1981); Effects of Lateral gaze on AEPs in Schizophrenics and Normal Subjects. Proceedings of 3rd Conference of Japan Society of Biological Psychiatry.
- Kameyama, T., S-I. Niwa, K-I. Hiramatsu, O. Saitoh and K. Itoh (1981); Schizophrenic Cognitive Disorders and Event-Related Potentials in Syllable Discrimination Tasks. Proceedings of 3rd Conference of Japan Society of Biological Psychiatry.
- Kiritani, S. and H. Hirose (1981); Tongue Movement during /p/ in the Production of the Consonant Cluster in American English. Reports of the 1981 Spring Meeting of the Acoust. Soc. Japan, 403-404.
- Kiritani, S. and H. Hirose (1981); X-ray Microbeam Study of the Tongue Movement in the Production of the Consonant Clusters in American English. Reports of the 1981 Autumn Meeting of the Acoust. Soc. Japan, 41-42.
- Nakagawa, C., K. Ooishi, S. Sawaki and H. Hirose (1981); A Case of Marfan's Syndrome with Left Recurrent Nerve Palsy. Abstracts of the 33rd Annual Meeting of the Japan Bronchoesophagol. Society, 66.
- Nakagawa, T., S. Saito and T. Yoshino (1982); Effects of Second Formant Frequencies on Tonal Quality of Synthesized Vowels. Reports of the 1982 Spring Meeting of the Acoust. Soc. Japan, 187-188.
- Ooishi, K., K. Kujirai, N. Ogawara, Y. Yamazaki, S. Sawaki and H. Hirose (1981); Mediofixation Operation of Paralyzed Vocal Cord of the Protection of Misdeglutaton. Abstracts of the 33rd Annual Meeting of the Japan Bronchoesophagol. Society, 62.
- Park, H.S., H. Yoshioka, H. Hirose and M. Sawashima (1981); Laryngeal Control in Korean Stops. Abstracts of the 32nd Meeting of the Academic Association of Koreanology in Japan, Oct., 1981.
- Park, H.S., H. Yoshioka, H. Hirose and M. Sawashima (1981); Laryngeal Control in Korean Stops. Reports of the 1981 Spring Meeting of the Acoust. Soc. Japan, 399-400.

- Sawashima, M., H. Hirose and H. Yoshioka (1981); Relative Timing of Tongue and Laryngeal Adjustments in Japanese Word Accent. Reports of the 1981 Autumn Meeting of Acoust. Soc. Japan, 39-40.
- Sekimoto, S. and S. Saito (1982); Effects of the Peak Emphasis on the Intelligibility of the Frequency Compressed Speech. Reports of the 1982 Spring Meeting of the Acoust. Soc. Japan, 51-52.
- Sekimoto, S. and S. Saito (1981); Perception of Frequency Compressed or Expanded Vowels. Reports of the 1981 Autumn Meeting of the Acoust. Soc. Japan, 211-212.
- Sekimoto, S., S. Kiritani and S. Saito (1981); Perception of Frequency-Lowered Vowels and Consonants Processed by PARCOR Speech Analysis-Synthesis Method. Reports of the 1981 Spring Meeting of the Acoust. Soc. Japan, 477-478.
- Sudo, M., S. Kiritani, and H. Yoshioka (1982); An Electro-Palatographic Study of Japanese Intervocalic /r/. Reports of the 1982 Spring Meeting of the Acoust. Soc. Japan, 59-60.
- Yoshioka, H., M. Sawashima, H. Hirose, T. Ushijima and N. Kawase (1981); Clinical Usage of Stereoendoscopy in Laryngology. Abstracts of the 33rd Meeting of the Japan Bronchoesophagol. Society, 74.
- Yoshioka, H., H. Hirose and M. Sawashima (1981); Laryngeal Adjustments in the Production of the Fricative Consonants and Devoiced Vowels in Japanese. Abstracts of the Fifth Annual Meeting of the Japan Neuroscience Society, 85.

B.3. Contributions in Separate Publications

B.3.i. Papers in Festschrifts and Anthologies

none

B.3.ii Part of a Textbook or Handbook

- Hirose, H. (1981); Hoarseness. In *Differential Diagnosis in Internal Medicine*, H. Ueda (Ed.), Asakura Publishing Co., Tokyo, 155-159.
- Sawashima, M. (1982); Hasei to Gengo (Phonation and Language). In *Shin Seirigaku (Modern Physiology)*, N. Toida et al. (Eds.), Igakushoin, Tokyo, Vol. I, 1056-1068.

Yoshioka, H. (in press); Phoniatic Examination. In Clinical Examinations and Nursing Methods in Pediatric Surgery, H. Yamamura and S. Uchio (Eds.), Shinko Trading Co., Tokyo.

B.4. Monographs

Saito, S. and K. Nakata (1981); Fundamentals of Speech Information Processing. Ohm Pub. Co., Tokyo.

B.5. Translations

none