

RECENT PUBLICATIONS

April 1973 - March 1974

A. Publications in English

1. Publications in Periodicals

i. Original Contributions

- Fujimura, O., S. Kiritani, and H. Ishida: "Computer Controlled Radiography for Observation of Movements of Articulatory and Other Human Organs," Comput. Biol. Med. Vol. 3, 371-384 (1973).
- Fujisaki, H., and Y. Tanabe: "A Time-Domain Technique for Pitch Extraction of Speech," J. Acoust. Soc. Japan Vol. 29, 418-419 (1973).
- Fujisaki, H., M. Yoshida, Y. Sato and Y. Tanabe: "Automatic Recognition of Connected Vowels Using a Functional Model of the Coarticulatory Process," J. Acoust. Soc. Japan Vol. 29, 636-638 (1973).
- Gay, T and H. Hirose: "Effect of Speaking Rate on Labial Consonant Production," Phonetica 27, 44-56 (1973).
- Hirose, H, C. Y. Lee, and T. Ushijima: "Laryngeal Control in Korean Stop Production," J. Phonetics Vol. 2 145-152 (1974).
- Ishida, H. and N. Takahasi: "Job Statistics at a 2000 User University Computer Center," Performance Evaluation Review, (Association of Computing Machinery) Vol. 2, No. 2, 2-13 (1973).
- Liberman, A. M., K. Miyawaki, J. J. Jenkins, and O. Fujimura: "Cross-Language Study of the Perception of the F₃ Cue for [r] vs. [l] in Speech- and Nonspeech-like Patterns," J. of Acoust. Soc. Japan, Vol. 29, 315 (1973).
- Sasanuma, S.: "Kanji versus Kana Processing in Alexia with Transient Agraphia: A Case Study," Cortex, Vol. 10, 89-94 (1974).
- Sasanuma, S.: "Kana and Kanji Processing In Japanese Aphasics," Language and Brain (in press).
- Sasanuma, S. and O. Fujimura: "Kana and Kanji Processing in Japanese Aphasics," ASHA, Vol. 15, 474 (1973).

ii. Review Articles

iii. Progress Reports

- Bell-Berti, F. and H. Hirose: "Patterns of Palatoglossus Activity and their Implications for Speech," Status Report on Speech Research (Haskins Laboratories) SR-34, 203-209 (1973).

- Fujisaki, H. : "Current Problems in Speech Recognition, " Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo, Vol. 32, 197-204 (1973).
- Fujisaki, H., M. Yoshida, Y. Sato, and Y. Tanabe: "Formulation of the Coarticulatory Process in the Formant Frequency Domain and Its Application to Automatic Recognition of Connected Vowels, " Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo, Vol. 32, 205-212 (1973).
- Fujisaki, H. and Y. Sato: "Evaluation and Comparison of Features in Speech Recognition, " Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo, Vol. 32, 213-218 (1973).
- Fujisaki, H., and B. Kim: "Articulatory Description of the Korean Vowels System, " Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo, Vol. 32, 219-226 (1973).
- Fujisaki, H., K. Nakamura, and T. Ito: "Auditory Perception of Duration of Speech and Non-Speech Stimuli, " Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo, Vol. 32, 233-242 (1973).
- Fujisaki, H., S. Mizuno and R. Tazaki: "The Span of Short-Term Memory for Visually and/or Aurally Presented Digits, " Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo, Vol. 32, 243-250 (1973).
- Fujisaki, H. and M. Suzuki: "On-Line Recognition of Hand-Written Kata-Kana Characters, " Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo, Vol. 32, 251-258 (1973).
- Fujisaki, H. K. Nakamura and T. Imoto: "Auditory Perception of Duration of Speech and Non-Speech Stimuli, " Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 45-64 (1973).
- Gay, T., T. Ushijima, H. Hirose and F. S. Cooper: "Effect of Speaking Rate on Labial Consonant-Vowel Articulation, " Status Report of Speech Research (Haskins Laboratories) SR-35/36(1973).
- Harada, S. I.; "Counter Equi-NP Deletion, " Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 113-147 (1973).
- Hinds, John V. : "The Underlying Representation of Conversation, " Annual Bulletin(Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 165-186 (1973).
- Hirose, H., C. Y. Lee and T. Ushijima: "Laryngeal Control in Korean Stop Production, " Status Report of Speech Research (Haskins Laboratories) SR-34, 191-201 (1973).
- Kim, B. and H. Fujisaki: "Analysis and Recognition of Korean Vowels, " Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo, Vol. 32, 227-232 (1973).

- Lindqvist, J., M. Sawashima and H. Hirose: "An Investigation of the Vertical Movement of the Larynx in a Swedish Speaker," Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 27-38 (1973).
- Mitsuya, F., : "Status Report on the Pronunciation Test System," Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 93-111 (1973).
- Perlmutter, David M. : "Evidence for the Cycle in Japanese," Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 187-210 (1973).
- Sasanuma, S., I. F. Tatsumi, S. Kiritani and H. Fujisaki: "Auditory Perception of Signal Duration in Aphasic Patients," Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 65-72 (1973).
- Sasanuma, S. and O. Fujimura: "Kana and Kanji Processing in Japanese Aphasics," Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 73-75 (1973).
- Sasanuma, S. : "Kanji and Kana Processing in Alexia without Agraphia," Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 77-91 (1973).
- Sawashima, M., Y. Kakita and S. Hiki: "Activity of the Extrinsic Laryngeal Muscles in Relation to Japanese Word Accent," Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 19-25 (1973).
- Sawashima, M. and S. Miyazaki: "Glottal Opening for Japanese Voiceless Consonants," Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 1-9 (1973).
- Sekimoto, S. " "A Computer-Controlled Speech Synthesizer," Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 39-44 (1973).
- Tatsumi, M., M. Sawashima, T. Ushijima, and T. Kinoshita: "Fiberoptic Observation of the Larynx in Singing," Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 11-17 (1973).
- Uyeno, T. and O. Fujimura: "Headline Constructions in Japanese Newspapers - A Preliminary Analysis -," Annual Bulletin (Research Institute of Logopedics and Phoniatrics, University of Tokyo) No. 7, 149-163 (1973).

iv. Abstracts of Meeting Papers

- Bell-Berti, F. and H. Hirose: "Patterns of Palatoglossus Activity and their Implications for Speech Organization," J. Acoust. Soc. Am., Vol. 54, 320 (1973).
- Hirose, H. : "The Activity of the Intrinsic Laryngeal Muscles during Speech Articulation," J. Physiol. Soc. Japan, Vol. 35, 522 (1973).
- Ushijima, T. and H. Hirose: "The Direct Viewing of Velar Movements during Speech," ASHA 15, 453-454 (1973).

2. Contributions in Meeting Proceedings, etc.

i. Printed Full Texts of Symposium Papers, etc.

Fujisaki, H., K. Nakamura and T. Imoto: "Auditory Perception of Duration of Speech and Non-Speech Stimuli," Symposium on Auditory Analysis and Perception of Speech, Leningrad (1973).

ii. Reprints of Meeting Papers in Proceedings or Digests

Miyawaki, K.: "Observation of Selected Lingual Articulation by Use of Dynamic Palatography," Reports of the 1973 Spring Meeting of the Acoustical Society of Japan 5-6 (1973).

B. Publications in Japanese

1. Publications in Periodicals

i. Original Contributions

Baba, K., S. Niimi, and T. Shitara: "Treacher Collins Syndrome with Bilateral Ear Anomalies: Case Reports," Otologia (Tokyo) Vol. 45, 947-952 (1973).

Fujisaki, H., M. Yoshida, Y. Sato and Y. Tanabe: "Automatic Recognition of Connected Vowels Using a Model of Coarticulation," J. of the Faculty of Engineering, the University of Tokyo (A) Vol. 11, 30-31 (1973).

Hirose, H.: "The Velopharyngeal Function in Articulation," Japan J. Otol. (Tokyo) Vol. 76, 1349-1359 (1973).

Hirose, H.: "The Function of Posterior Cricoarytenoid Muscle - With Special Reference to Laryngeal Articulatory Adjustments -", Otologia (Fukuoka) Vol. 19, 711-723 (1973).

Hirose, H.: "Functional Differentiation of the Adductor Muscles of the Larynx," Japan J. Otol. (Tokyo), Vol. 77, 46-57 (1974).

Kobayashi, T., S. Niimi, F. Takahashi, and H. Shiga: "Bilateral Facial Palsy," Otologia (Tokyo) Vol. 46, 13-19 (1974).

Sasanuma, S.: "Linguistic Impairments in Aphasic Patients," Gengo [Language] Vol. 2, No. 9, 21-30 (1973).

Sasanuma, S.: "The Assessment of Aphasia," Riryō [Physiotherapy and Medical Rehabilitation] Vol. 3, No. 3, 10-18 (1974).

Sasanuma, S.: "Communication Disorders: Rehabilitation and Management, Part 1, An Overview," Sogo Rehabilitation, Vol. 2, No. 4, 63-68 (1974).

ii. Review Articles

Fujimura, O.: "Rhythm and Grammar," Eureka, Vol. 5, No. 3, 97-99 (1973).

Fujisaki, H.: "Current Problems in Pattern Recognition Research," J. Inst. Electrical Engineers of Japan, Vol. 93, 1035-1037 (1973).

- Ishida, H. : "Gradually Increasing Computer Crimes," Asahi Journal, Vol. 15, No. 47, 41-45 (1973).
- Ishida, H. and S. Kiritani: "Biological Instrumentation and Analog Information Processing," The Tokyo J. of Medical Sciences, Vol. 80, 387-396 (1973).
- Ishida, H. : "Technology of Giant Computers (1)-(6)," ibid, Vol. 5, No. 11 (1973) - Vol. 6, No. 3 (1974).
- Kiritani, S. : "On-Line Computer in Biomedical Studies," The Tokyo J. of Medical Sciences, Vol. 82, 66-72 (1974).
- Niimi, S. : "An Impression of Training System of Otomicrosurgery in ENT," Medical Education, Vol. 4, 199-200 (1973).
- Niimi, S. : "Phoniatics," Japan Medical Journal, No. 2600, 52-53 (1974).
- iii. Progress Reports
- iv. Abstracts of Meeting Papers
- Endo, N., T. Miyoshi, and S. Sasanuma: "The Results of Hearing Screening Tests in the Aged: A Study at Yoikuin Home for the Aged," Japan J. Logopedics and Phoniatics, Vol. 14, No. 3, 60 (1973).
- Fujisaki, H., T. Imoto and K. Nakamura: "Perception of Duration of Speech and Non-Speech Sounds in Normal Hearing Subjects," Audiology Japan, Vol. 16, No. 5, 473-474 (1973).
- Fukusako, Y. and S. Sasanuma: "A Short Test of Aphasia Developed on the Basis of Factor Analysis," Japan J. Logopedics and Phoniatics, Vol. 14, No. 3, 14-15 (1973).
- Hirose, H. : "The Intrinsic Laryngeal Muscles in Consonant Articulation," Japan J. Logopedics and Phoniatics, Vol. 14, No. 3, 26 (1973).
- Itoh, K. and M. Saito: "Man-Computer Feedback System for Control of REM-Sleep," Japan J. Medical Electronics and Biological Engineering, Vol. 11, No. 5, 95 (1973).
- Miyawaki, K. : "Observation of Selected Lingual Articulations by Use of Dynamic Palatography," Japan J. Logopedics Phoniatics, Vol. 14, No. 3, 26 (1973).
- Monoi, H., K. Taniguchi, and S. Sasanuma: "The Results of Speech and Language Screening Tests in the Aged: A Study at Yoikuin Home for the Aged," Japan J. Logopedics and Phoniatics, Vol. 14, No. 3, 59 (1973).
- Nakamura, K., S. Shibata, T. Motomiya and H. Fujisaki: "Perception of Duration of Speech and Non-Speech Sounds in Hard-of-Hearing Subjects," Audiology Japan, Vol. 16, No. 5, 475-476 (1973).
- Niimi, S., M. Sawashima, and H. Hirose: "Glottal Configuration and Activity of the Laryngeal Muscles," Japan J. Otol. Tokyo, Vol. 77, 39, (1974).
- Niimi, S., F. Takahashi, M. Sawashima, H. Hirose, and T. Ushijima: "Follow up Study of Idiopathic Laryngeal Palsy in 1970," Japan J. Logopedics and Phoniatics, Vol. 14, No. 3, 43-44 (1973).

- Niimi, S., K. Takemoto, and T. Shitara: "A Surgical Treatment for Sulcus Vocalis," Jap. Jour. Otol. (Tokyo), Vol. 76, (1973).
- Sasanuma, S. and T. S. Watamori: "A Case of Alexia without Agraphia: A Clinical Study," Japanese J. Rehabilitation Medicine, Vol. 10, 168 (1973).
- Sawashima, M.: "Observation of the Laryngeal Movements by Use of a Fiberscope," J. Physiol. Soc. Japan, Vol. 35, 523 (1973).
- Sawashima, M.: "Glottal Condition in Articulation of Japanese Voiceless Consonants," Japan J. Logopedics Phoniatrics, Vol. 14, No. 3, 30 (1973).
- Shimoyama, T., S. Niimi, N. Kobayashi, Y. Takeuchi: "The Influence of Band Width on Threshold of Sound Image Shift Perception," Audiology Japan, Vol. 16, 395-396 (1973).
- Taniguchi, K., T. S. Watamori, and S. Sasanuma: "Aural Rehabilitation of the Elderly: A Case Study," Japan J. Logopedics and Phoniatrics, Vol. 14, No. 3, 67 (1973).
- Tatsumi, I. F., S. Sasanuma, H. Fujisaki, and S. Kiritani: "Perception of Temporal Duration of Speech and Non-speech in Aphasic Patients," Japan J. Logopedics and Phoniatrics, Vol. 14, No. 3, 9-10 (1973).
- Watamori, T. S., S. Sasanuma, and A. Nagumo: "A Preliminary Investigation of Comprehension of Rate Controlled Speech by Aphasic Patients," Japanese J. Rehabilitation Medicine, Vol. 10, 1620163 (1973).
- Watamori, T. S., and S. Sasanuma: "Oral Sensation and Perception in Apraxic Adults," Japan J. Logopedics and Phoniatrics, Vol. 14, No. 3 37-38 (1973).

2. Contributions in Meeting Proceedings, etc.

i. Printed Full Texts of Symposium Papers, etc.

- Fujimura, O. and R. Kagaya; "Coding of Chinese Characters and an Experiment on Character Generation," Paper of Technical Group on Pattern Recognition Learning, (The Institute of Electronics and Communication Engineers of Japan) No. PRL 73-11 (1973).
- Fujisaki, M. Yoshida, Y. Sato and Y. Tanabe: "A Model of the Coarticulatory Process in the Formant Frequency Domain and its Application to Recognition of Connected Vowels," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S73-03 (1973).
- Fujisaki, H.: "Report of the Symposium on Auditory Analysis and Perception of Speech, Leningrad (1973)," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S73-11 (1973).

- Fujisaki, H., K. Nakamura and T. Imoto: "Auditory Perception of Duration of Speech and Non-Speech Stimuli," Transactions on Speech Research, Acoustical Society of Japan, No. S73-12 (1973).
- Fujisaki, H., and Y. Sato: "Comparison of Errors in Formant Frequencies: Obtained by Various Methods of Formant Extraction," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S73-20 (1973).
- Fujisaki, H. and B. Kim: "A Method of Observing Jaw Opening in Articulation of Vowels and Its Application to Articulatory Description of Korean Vowels," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S73-29 (1974).
- Fujisaki, H., T. Imoto and K. Nakamura: "Perception of Temporal Characteristics of Speech and Non-Speech Stimuli in Hard-of-Hearing Subjects," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S73-33, (1974).
- Fujisaki, H., Y. Mitsui and M. Sugito: "Analysis, Synthesis and Perception of Accent Types of Two-mora Words in Tokyo and Kinki Dialects," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S73-51 (1974).
- Hirose, H.: "Motor Control of the Articulatory Organs: Electromyographic Investigation," Transactions of Committee on Speech Research Acoustical Society of Japan, No. S73-19, (1974).
- Ishida, H.: "Labor-saving Techniques in Operation of a Giant Computer System at Tokyo University Computer Centre," Computer Study Group Report (Inst. of Electronics and Communication Engineers of Japan) (1973).
- Miyawaki, K., S. Kiritani, M. Sawashima: "Observation of Some Selected Articulations in Japanese by Use of Dynamic Palatography," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S73-47 (1974).
- Miyazaki, S. and M. Sawashima: "Computerized Measurement of the Fiberscopic Laryngeal Film," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S73-49 (1974).
- Sasanuma, S.: "Linguistic Aspects of Aphasic Symptomatology: An Overview," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S73-34, H. 17-2 (1974).
- Sawashima, M.: "Fiberscopic Observation of Articulatory Movements in Deaf Speech," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S73-42, H. 17-10 (1974).
- Shibata, S., A. Ino, S. Kiritani, K. Miyawaki, and I. F. Tatsumi: "Dynamic Palatogram of One Deaf Subject," Transactions of Committee on Speech Research, Acoustical Society of Japan No. S73-41/H17-9 (1974).

- Suehiro, N., and H. Fujisaki: "Formation of a System of Knowledge and the Ability of Inductive Inference Based on Grammar Acquisition," Transactions of Committee on Automata and Language, the Institute of Electronics and Communication Engineers of Japan, No. AL 73-62 (1973).
- Takahasi, H. and H. Ishida: "Configuration and Features of a Giant Computer System at Tokyo University Computer Centre," Computer Study Group Report (Inst. of Electronics and Communication Engineers of Japan) (1973).
- Tatsumi, I.F., S. Sasanuma, H. Fujisaki, and Y. Kobayashi: "Auditory Perception of Tone Duration and Tone Intensity in Aphasic Patients," Transactions of Committee on Speech Research, Acoustical Society of Japan, No. S73-35 (1974), H17-3 (1974-02).
- ii. Preprints of Meeting Papers in Proceedings or Digests
- Fujisaki, H. and Y. Tanabe: "Coarticulatory Model in Frequency Domain and Its Application to Recognition," Reports of the 1973 Spring Meeting of the Acoustical Society of Japan, 127-128 (1973).
- Fujisaki, H., T. Imoto, M. Suzuki, and K. Nakamura: "Auditory Perception of Temporal Duration of Speech and Non-Speech Stimuli," Reports of the 1973 Spring Meeting of the Acoustical Society of Japan, 17-18 (1973).
- Fujisaki, H. and M. Yoshida: "An Experiment on Recognition of Connected Vowels Based on Analysis-by-Synthesis Using Coarticulatory Model in the Formant Frequency Domain," Reports of the 1973 Spring Meeting of the Acoustical Society of Japan, 129-130 (1973).
- Fujisaki, H. and Y. Sato: "Evaluation and Comparison of Feature Spaces for Speech Recognition," Reports of the 1973 Spring Meeting of the Acoustical Society of Japan, 131-132 (1973).
- Fujisaki, H. and M. Yoshida: "Recognition of Vowels in Connected Speech Using a Coarticulatory Model," Reports of the 1973 Autumn Meeting of the Acoustical Society of Japan, 111-112 (1973).
- Fujisaki, H. and Y. Mitsui: "An Improved Method for Pitch Extraction of Speech in the Time Domain," Reports of the 1973 Autumn Meeting of the Acoustical Society of Japan, 129-130 (1973).
- Fujisaki, H. and Y. Sato: "Analysis and Comparison of Methods for Extraction of Formant Frequencies," Reports of the 1973 Autumn Meeting of the Acoustical Society Japan, 131-132 (1973).
- Fujisaki, H. and B. Kim: "Articulatory Description of the Korean Vowel System," Reports of the 1973 Autumn Meeting of the Acoustical Society of Japan, 463-464 (1973).

- Fujisaki, H., T. Imoto, and K. Nakamura: "Discrimination of Duration in Speech and Non-Speech Sounds," Reports of the 1973 Autumn Meeting of the Acoustical Society of Japan, 465-466 (1973).
- Fujisaki, H., : "Automatic Speech Recognition--State of the Art and Future Prospects," Preprints of the 1973 Joint Convention of the Institutes of Electrical Engineers of Japan, 1241-1242 (1973).
- Fujisaki, H., M. Yoshida, Y. Sato and Y. Tanabe: "Formulation of Articulation in the Frequency Domain and Its Application to Recognition of Connected Speech," Preprints of the 1973 Joint Convention of the Institutes of Electrical Engineers of Japan, 1259-1262 (1973).
- Hirose, H. : "Laryngeal Control for the Production of English Obstruents," Report of the 1973 Spring Meeting of the Acoustical Society of Japan, 1-2 (1973).
- Itoh, K. and M. Saito: "Man-Computer Feedback Experiment for Control of REM-Sleep," Progress Reports of the 13th Meeting of the Japan Soc. Medical Electronics and Biological Engineering, 266-267 (1974).
- Kim, B. and H. Fujisaki: "Analysis of Korean Vowels," Reports of the 1973 Spring Meeting of the Acoustical Society of Japan, 127-128 (1973).
- Nakamura, K., N. Sato, T. Imoto and H. Fujisaki: "Perception of Temporal Duration of Speech and Non-Speech in Hard-of-Hearing Children," Reports of the 1973 Spring Meeting of the Acoustical Society of Japan, 19-20 (1973).
- Saito, M., K. Itoh, and I. Fukumoto: "Physiological Measuring of Motivation and Will," Progress Reports of the 13th Meeting of the Japan Soc. Medical Electronics and Biological Engineering, 238-239 (1974).
- Saito, M., and K. Itoh: "Man-Computer Feedback for Control of REM-Sleep," Digest of the 10th International Conference on Medical and Biological Engineering, 296 (1973).
- Sasanuma, S., I. Tatsumi, H. Fujisaki and S. Kiritani: "Auditory Perception of Signal Duration in Aphasic Patients," Reports of the 1973 Spring Meeting of the Acoustical Society of Japan, 21-22 (1973).
- Sawashima, M., S. Hiki, and Y. Kakita: "Activity of the Laryngeal Muscles in Relation to Japanese Accent Patterns," Reports of the 1973 Spring Meeting of the Acoustical Society of Japan, 7-8 (1973).

3. Contributions in Separate Publications

i. Papers in Festschrifts and Anthologies

ii. Part of a Text or Handbook

- Hirose, H. : Chapter: From the Standpoint of Logopedics and Phoniatics, Chusu Shinkeikei e no Approach [Approach to the Central Nervous System] Kanehara Publ. Co., Tokyo (1973).
- Hirose, H. : Voice Disorders, Konnichi no Chiryo Shishin - 1974 [Recent Advance in Therapeutics - 1974] Igaku Shoin Publ. Co., Tokyo (in press).
- Seki, H., and H. Ishida, et al. : Information Engineering Handbook, Morikita Publ. Co., Tokyo (1973).
- Kiritani, S. and O. Fujimura: A Chapter on "Dynamic Observation of Speech Organs," in Information Processing of Speech, Tokyo University Press (1973).
- Sawashima, M. : "A Chapter on "Laryngeal Adjustments in Speech," in Information Processing of Speech, Tokyo University Press (1973).