

## PUBLICATIONS

### I. Recent Publications (July 1970 - June 1971)

#### A. Publications in English

##### 1. Publications in Periodicals

###### i. Original Contributions

- O. Fujimura and J. Lindqvist, "Sweep-Tone Measurements of Vocal-Tract Characteristics," J. Acoust. Soc. Am., Vol. 49, 541-588 (1971).
- S. I. Harada, "A Note on Number Agreement," to appear in Eigogaku.
- S. I. Harada, "Where Do Vocatives Come From?," Eigogaku [English Linguistics] No. 5, 2-43 (1971).
- S. I. Harada and K. Imai, "Where Do English Vowels Come From?," Energieia No. 2, 54-72 (1970).
- S. I. Harada and S. Saito, "A Non-Source for Reflexives," Linguistic Inquiry, Vol. 2, No. 4 (to appear in 1971).
- H. Hirose, "The Activity of the Adductor Laryngeal Muscles in Respect to Vowel Devoicing in Japanese," Phonetica (1971 in press).
- P. Lieberman, M. Sawashima, K. S. Harris, and T. Gay, "The Articulatory Implementation of the Breath-Group and Prominence: Cricothyroid Muscular Activity in Intonation," Language, Vol. 46, 312-327 (1970).
- S. Sasanuma and O. Fujimura, "Selective Impairment of Processing Phonetic and Non-Phonetic Transcriptions of Words in Aphasic Patients: Kana and Kanji in Visual Recognition and Writing," Cortex (1971 in press).
- S. Sasanuma, C. L. Woods, and D. E. Williams, "Disfluency Variability of Stuttering and Nonstuttering Japanese Children," J. Speech Hearing Res. (1971 in press).
- M. Sawashima, A. S. Abramson, F. S. Cooper, and L. Lisker, "Observing Laryngeal Adjustments during Running Speech by Use of a Fiberoptics System," Phonetica 22: 193-201 (1970).
- G. Totsuka, H. Hirose, S. Niimi, and T. Kobayashi, "A Clinical and Electromyographic Study of Postoperative Facial Palsy," Pract. Otolaryng., Vol. 32, 19-28 (1970).
- T. Watanabe and Z. Simada, "Collicular Auditory Interneuron and its Blocking by Dihydro- $\beta$ -Erythroidine Hydrobromide," Proc. Japan Acad., Vol. 46, 983-988 (1970).

###### ii. Review Articles

###### iii. Progress Reports

- E. Gårding, O. Fujimura, and H. Hirose, "Laryngeal Control of Swedish Word Tone--A Preliminary Report on an EMG Study," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 4, 45-54 (1970).

- M. Hirano, T. Miyahara, H. Hirose, S. Kiritani, and O. Fujimura, "Airflow Rate in Singing," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 4, 55-65 (1970).
- H. Hirose, Z. Simada, and O. Fujimura, "An Electromyographic Study of the Activity of the Laryngeal Muscles during Speech Utterances," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 4, 9-25 (1970).
- S. Kiritani and O. Fujimura, "A Preliminary Experiment of the Observation of the Hyoid Bone by Means of Digitally Controlled Dynamic Radiography," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 4, 1-7 (1970).
- L. Lisker, M. Sawashima, A. S. Abramson, and F. S. Cooper, "Cinegraphic Observations of the Larynx during Voiced and Voiceless Stops," Status Report on Speech Research (Haskins Laboratories) SR-21/22, 201-210 (1970).
- S. Sasanuma and O. Fujimura, "Selective Impairment of Processing Phonetic and Non-Phonetic Transcriptions of Words in Aphasic Patients: Kana and Kanji in Visual Recognition and Writing," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 4, 89-94 (1970).
- M. Sawashima, "Glottal Adjustments for English Obstruents," Status Report on Speech Research (Haskins Laboratories) SR-21/22, 187-200 (1970).
- Z. Simada and H. Hirose, "The Function of the Laryngeal Muscles in Respect to the Word Accent Distinction," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 4, 27-40 (1970).

iv. Abstracts of Meeting Papers

- O. Fujimura, H. Ishida, and S. Kiritani, "Tracking of Articulatory Movements by Means of a Computer-Controlled X-ray Microbeam," J. Acoust. Soc. Am., Vol. 47, 84 (1970).
- S. I. Harada, "Meaning and Structure," a paper presented at the 42nd General Meeting of the English Literary Society of Japan, October 30, 1970. To appear in Eibungaku Kenkyu [Studies in English Literature] (1971).
- L. Lisker, M. Sawashima, A. Abramson, and F. S. Cooper, "Cinegraphic Observations of the Larynx during Voiced and Voiceless Stops," J. Acoust. Soc. Am., Vol. 48, 119 (1970).
- P. Mermelstein, S. Maeda, and O. Fujimura, "Description of Tongue and Lip Movement in a Jaw-Based Coordinate System," J. Acoust. Soc. Am., Vol. 49, 104 (1971).
- M. Sawashima, "Observations of the Larynx during Articulation of English Consonants," J. Acoust. Soc. Japan, Vol. 27, 257 (1971)
- Z. Simada, "The Function of the Laryngeal Muscles in Respect to the Accent Distinction of Japanese Words," J. Acoust. Soc. Japan, Vol. 27, 342 (1971).

2. Contributions in Meeting Proceedings, etc.
  - i. Printed Full Texts of Symposium Papers, etc.
    - O. Fujimura, S. Kiritani, and H. Ishida, "Computer Controlled Radiography for Observation of Movements of Articulatory and Other Human Organs, " Proceedings of the 1971 Summer Computer Simulation Conference (to appear in 1971).
    - H. Ishida and O. Fujimura, "The Pronunciation-Hearing Test System Using a Hybrid Magnetic Tape Unit, " Proceedings of the International Federation for Information Processing (to appear in 1971).
    - H. Ishida and S. Furukawa, "Synthesis and Display of Chinese Characters by Unit Construction, " Preprints for Seminar on Input/Output Systems for Japanese and Chinese Characters, 276-282 (1971).
  - ii. Preprints of Meeting Papers in Proceedings or Digests
    - I. Fujii, O. Fujimura, and R. Kagaya, "Dynamic Palatography by Use of a Computer and an Oscilloscope, " Proceedings of the 7th International Congress on Acoustics, Budapest (to appear in 1971).
    - S. Kiritani, O. Fujimura, and H. Ishida, "Computer Controlled Radiography for Observation of Articulatory Movement, " Proceedings of the 7th International Congress on Acoustics, Budapest (to appear in 1971).
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    - Z. Simada, H. Hirose, M. Sawashima, and O. Fujimura, "An EMG Study of Japanese Accent Patterns, " Proceedings of the 7th International Congress on Acoustics, Budapest (to appear in 1971).
3. Contributions in Separate Publications
  - i. Papers in Festschrifts and Anthologies
    - O. Fujimura, "Current Issues in Experimental Phonetics, " Studies in General and Oriental Linguistics, (R. Jakobson and S. Kawamoto, Eds.) Tokyo: TEC Co., Ltd., 109-130 (March 1970).
    - O. Fujimura, "Remarks on Stop Consonants--Synthesis Experiments and Acoustic Cues, " to appear in Festschrift for Eli Fischer-Jørgensen (1971). Also in Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 4, 75-88 (1970).
  - ii. Part of a Textbook or Handbook
    - M. Sawashima, "Laryngeal Research in Experimental Phonetics, " Current Trends in Linguistics (T. A. Sebeok, Ed.) Vol. 12, Mouton (1971 in press).

## B. Publications in Japanese

### 1. Publications in Periodicals

#### i. Original Contributions

- S. I. Harada, "Tokieda Bunpoo to Seisei Bunpoo [Tokiedan Grammar and Generative Grammar]" Eigo Bungaku Sekai, March issue, 30-33 (1970).
- K. Sano, I. Saito, N. Basugi, T. Asano, T. Fukushima, O. Fujimura, and S. Kiritani, "A New Method of Blood Flow Measurements," J. Japan Coll. Angiol., Vol. 10, 366 (1970).
- S. Sasanuma, "Speech Therapists: Their Role in the Rehabilitation Team," Rigaku Ryoho to Sagyo Ryoho [Physical Therapy and Occupational Therapy], Vol. 4, 64-68 (1970).

#### ii. Review Articles

- O. Fujimura, "Around the Perception of Sound," Technological Biology, Vol. 2, 10-14 (1971).
- O. Fujimura, "Language and Information," Shiso [Thought], No. 551, 647-655 (1970).
- O. Fujimura, "Mind and Language," Future Studies, Vol. 3, 56-57 (1971).
- O. Fujimura, "N. Chomsky and Recent Topics in the Theory of Language," Bit, Vol. 3, 19-24 (1971).
- O. Fujimura, "The Process of Pronunciation," Japan J. Logopedics Phoniatrics, Vol. 12, No. 1, 11-21 (1970).
- O. Fujimura and H. Ishida, "Computer Display Applications in Physiological Research," J. Inst. Electronics and Communication Engineers of Japan, Vol. 53, 533-537 (1970).
- O. Fujimura and S. Kiritani, "Computer Controlled Radiography," Oyobutsuri [Applied Physics] (1971 in press).
- S. I. Harada, "Review of Terence Langendoen: Essentials of English Grammar," Eigo Tenboo [ELEC Bulletin], No. 32, 55-60 (1970).
- S. I. Harada, "Review of Manfred Bierwisch and Karl E. Heidolph (eds.): Progress in Linguistics," to appear in Eigo Seinen [Rising Generation] (1971).
- H. Hirose, "Comparative Anatomy and Embryology of Vocal Organs," Technological Biology, Vol. 2, 15-18 (1971).
- H. Hirose, "Hoarseness and Other Voice Disorders," Shindan to Chiryō [Diagnosis and Treatment], Vol. 58, 275-279 (1970).
- H. Ishida, "Broken Dreams of Artificial Intelligence," Shizen [Nature], Vol. 25, No. 8, 24-33 (1970).
- H. Ishida, "Computer Crime," Gito, Vol. 17, No. 3, 1-3 (1971).
- H. Ishida, "Computer Systems for Music," Technological Biology, Vol. 2, 32-37 (1971).
- H. Ishida, "Man-machine Dialogue," Electronics, Vol. 16, 95-104 (1971).
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- H. Ishida, "The State-of-the-Art of I/O Equipments and Their Future Trends," J. Information Processing Society, Vol. 12, 37-46 (1971).
- R. Kagaya, "Structures and Encoding of Chinese Characters," Tsu Shin [Communications] (Institute for the Study of Languages and Cultures of Asia and Africa) No. 12 (1971).
- S. Kiritani, "Some Characteristics of the Human Speech Sounds," Japan J. Medical Electronics and Biological Engineering, Vol. 8, 195-202 (1970).
- S. Sasanuma, "Examinations for Aphasia Abroad," Shinkei Kenkyu no Shimpo [Advances in Neurological Sciences], Vol. 15, 231-234 (1971).
- S. Sasanuma, "Speech Pathology in the U. S. A. : Recent Trends," Igaku no Ayumi [Progress in Medicine], Vol. 76, 603-604 (1971).
- M. Sawashima, "Speech Study at Haskins Laboratories," J. Acoust. Soc. Japan, Vol. 26, 329-331 (1970).

iv. Abstracts of Meeting Papers

- T. Eguchi, K. Fujita, Y. Natoyama, M. Sawashima, H. Hirose, T. Ushijima and Y. Fukusako, "A Study of Articulation Disorders in Cleft Palate," Japan J. Logopedics Phoniatics, Vol. 11, No. 2, 31 (1970).
- K. Fukui and S. Sasanuma, "The Recovery of the Upper Extremity of Left Hemiplegics with Aphasia," Japan J. Rehabilitation Medicine, Vol. 7, 262-263 (1970).
- Y. Fukusako, H. Hirose, M. Abe, M. Sawashima, and T. Sagara, "Postoperative Speech Results of Cleft Palate Children," Japan J. Logopedics Phoniatics, Vol. 11, No. 2, 35 (1970).
- H. Hirose, Z. Simada, and O. Fujimura, "An Electromyographic Study of the Intrinsic Laryngeal Muscles during Speech Utterances," Japan J. Logopedics Phoniatics, Vol. 11, No. 2, 24 (1970).
- H. Hirose, "Toward Differential Diagnosis of Dysarthria," J. Otolaryngology Japan, Vol. 73, 1234-1236 (1970).
- M. Inaeda, S. Sasanuma, A. Takeuchi, H. Monoi, and Y. Machioka, "Recovery Processes in Aphasia: A Longitudinal Study of Test Scores," Japan J. Rehabilitation Medicine, Vol. 8, Supplement, 26 (1971).
- K. Ito, T. Kawano, G. Totsuka, H. Hirose, Y. Fukusako, M. Sawashima, and T. Sagara, "Experiences of a Speech and Auditory Training Class in Ohmiya Minami Elementary School," Japan J. Logopedics Phoniatics, Vol. 11, No. 2, 5 (1970).
- S. Kiritani, O. Fujimura, and H. Ishida, "A Preliminary Experiment of the Observation of the Hyoid Bone by Means of Computer-Controlled Dynamic Radiography," Japan J. Logopedics and Phoniatics, Vol. 11, No. 2, 33 (1970).
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- H. Monoi, S. Sasanuma, A. Takeuchi, M. Inaeda, and Y. Machioka, "The Arithmetic Performance in Aphasia in Relation to Other Language Abilities," Japan J. Rehabilitation Medicine, Vol. 8, Supplement, 27 (1971).
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- S. Sasanuma, M. Itoh, and A. Takeuchi, "Language Evaluation of Aphasia: A New Approach with a Multidimensional Scoring System," Japan J. Rehabilitation Medicine, Vol. 7, 70-71 (1970).
- S. Sasanuma, A. Takeuchi, I. Yokoyama, and S. Shibata, "The Effect of Ritalin and Control on the Linguistic Performance of Aphasic Patients," Japan J. Rehabilitation Medicine, Vol. 7, 261-262 (1970).
- M. Sawashima, "The Larynx during Articulation of English Voiceless Stops in Running Speech," Japan J. Logopedics Phoniatrics, Vol. 11, No. 2, 29 (1970).
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- T. Takeuchi, S. Sasanuma, K. Fukui, I. Yokoyama, and T. Fujita, "The Role of Schuell-Sasanuma Short Examination for Aphasia in Diagnosis of Aphasia," Japan J. Rehabilitation Medicine, Vol. 8, Supplement, 26 (1971).
- A. Takeuchi, S. Sasanuma, and S. Shibata, "The Auditory Comprehension of Rate-Controlled Speech by Aphasic Patients," Japan J. Logopedics Phoniatrics, Vol. 11, No. 2, 14 (1970).
- A. Takeuchi, S. Sasanuma, and S. Shibata, "Auditory Processes in Adult Aphasia III: The Relationship between Phoneme Discrimination and Auditory Comprehension," Japan J. Rehabilitation Medicine, Vol. 7, 258-259 (1970).
- T. Ushijima, H. Hirose, S. Niimi, G. Totsuka, H. Matsubara, and T. Kobayashi, "A Clinical Observation of "Idiopathic" Laryngeal Palsy," Japan J. Logopedics Phoniatrics, Vol. 11, No. 2, 43 (1970).
- T. Watanabe and Z. Simada, "Excitation and Inhibition of Collicular Auditory Neurons," J. Physiol. Soc. Japan, Vol. 32, 430-431 (1970).
- F. Yoneyama, H. Hirose, T. Kobayashi, S. Niimi, and T. Ushijima, "Menstruation and Voice in Female Singers," Japan J. Logopedics Phoniatrics, Vol. 22, No. 2, 42 (1970).
2. Contributions in Meeting Proceedings, etc.  
 i. Printed Full Texts of Symposium Papers, etc.

- O. Fujimura, "Fundamental Structures of Natural Languages, " Preprints of the Symposium on Thinking Process (Information Science Lab., Faculty of Science, University of Tokyo), 73-78 (1970).
- O. Fujimura and S. Kiritani, "Dynamic Observations of the Articulatory Organs, " Collected Papers of the VIII Electrical Communication Institute Symposium, Processings Speech Information, (Tohoku University) I-6-1 - 14 (1971).
- H. Hirose, "Dysarthrias Caused by Disorders of the Central Nervous System, " (with Demonstration Record, ) LXXI Congress of the Oto-Rhino-Laryngological Society of Japan (1970).
- H. Ishida, S. Tairadate, and K. Umezawa, "Display Devices for Experiment Control, " Proc. Graphic Display Symposium, (Information Processing Society), 13-22 (1970).
- H. Kameda, "Some Remarks on the Principle of Operating System Construction, " Reports of the Operating Systems Symposium, Japan, 64-79 (September 1970).
- M. Sawashima, "Laryngeal Adjustments during Speech, " Collected Papers of the VIII Electrical Communication Institute Symposium, Processing Speech Information, (Tohoku University), 1-5-1 - 16 (1971).
- ii. Preprints of Meeting Papers in Proceedings or Digests
- I. Fujii and O. Fujimura, "Phoneme Identification by Dynamic Palatography, " Reports of the 1970 Spring Meeting of the Acoustic Society of Japan, 209-210 (1970).
- O. Fujimura, H. Ishida, K. Ito, S. Saito, and D. L. Smith, "A Pronunciation-Hearing Test System by Use of a Hybrid Magnetic Tape Unit, " Digest of 1970 Convention Information Processing Society of Japan, 113-114 (1970).
- S. I. Harada, "Henkan to wa Nanika? [What is a Transformation?], " Preprint for the Annual Meeting of Energeia (1971).
- H. Hirose, Z. Simada, and O. Fujimura, "Activities of the Intrinsic Laryngeal Muscles during Speech Utterances, " Reports of the 1970 Spring Meeting of the Acoustical Society of Japan, 211-212 (1970).
- H. Hirose, Z. Simada, S. Kiritani, and O. Fujimura, "Functions of the Laryngeal Muscles in Respect to Word Accent Distinction, " Reports of the 1970 Spring Meeting of the Acoustical Society of Japan, 213-214 (1970).
- R. Kagaya, "Some Observations on Korean Stop Consonants, " Reports of the 1971 Spring Meeting of the Acoustical Society of Japan, 1-2 (1971).
- S. Kiritani, O. Fujimura, and H. Ishida, "Observation of the Hyoid Bone by Means of a Computer Controlled Dynamic Radiography, " Reports of the 1970 Spring Meeting of the Acoustical Society of Japan, 217-218 (1970).
- T. Watanabe and Z. Simada, "Dynamic Response of Auditory Neurons to Amplitude-Modulated Sound, " Reports of the 1970 Spring Meeting of the Acoustical Society of Japan, 45-46 (1970)

- T. Watanabe and Z. Simada, "Dynamic Response of Auditory Neuron to Frequency-Amplitude-Modulated Sound, " Reports of the 1970 Autumn Meeting of the Acoustical Society of Japan, 291-292 (1970).
3. Contributions in Separate Publications
- i. Papers in Festschrifts and Anthologies
  - ii. Part of a Textbook or Handbook
    - O. Fujimura, A Chapter on "Fundamentals of Speech Science, " Speech Science, (J. Oizumi and O. Fujimura, eds ) Tokyo University Press (in press).
    - O. Fujimura, A chapter on "General Characteristics of Sound, " Textbook on Voice Disorders, Tokyo: Igaku Shoin Publ. Co. (1970).
    - O. Fujimura, A Chapter on "Speech and Language, " New Physiology, Tokyo: Igaku Shoin Publ. Co. (1970).
    - H. Hirose, "Hoarseness, " Thesaurus of Prescription, Tokyo: Kanehara Publ. Co. (in press).
    - H. Hirose, "Speech Disorders, " Recent Advance in Therapeutics-1971, Tokyo: Igaku Shoin Publ. Co. (in press).
    - H. Hirose, "Tracheostomy, Laryngoplasty and Laryngomicrosurgery, " Handbook of Surgery, Tokyo: Nakayama Shoten Publ. Co. (in press).
    - M. Sawashima, "Cleft Palate Speech and Its Treatment, " and "Speech Rehabilitation of Laryngectomized, " Textbook of Otolaryngology, Vol. II, Tokyo: Igaku Shoin Publ. Co. (1971 in press).
    - T. Ushijima, A Chapter on "Voice Disorders Associated with Endocrine System, " Textbook of Voice Disorders, Tokyo: Igaku Shoin Publ. Co. (1970).
4. Monographs
- S. Sasanuma, Rehabilitation Medicine Series: Communication Disorders, Vol. 11, Tokyo: Ishiyaku Shuppan (in preparation).
5. Translations into Japanese
- S. I. Harada and M. J. Hashimoto, Gendai Gengogaku no Mondaiten, Tr. of Current Issues in Linguistic Theory by N. Chomsky, Tokyo: Taishukan (to appear in 1971).
  - H. Ishida and H. Kobayashi, Industrial Dynamics, Tr. of the same by J. W. Forrester, Tokyo: Kinokuniya (1971).
  - S. Sasanuma and K. Nagae, Seijin no Shitsugosho: Shindan, Yogo, Chiryō, Tr. of Aphasia in Adults: Diagnosis, Prognosis and Treatment by H. M. Schuell, J. J. Jenkins, and E. Jimenez-Pabón, Tokyo: Igaku Shoin (1971).



## II. Selected Bibliographies of the Staff\*

Osamu FUJIMURA

### A. Publications in English

#### 1. Publications in Periodicals

##### i. Original Contributions

"An Approximation to Voice Aperiodicity," IEEE Transactions on Audio and Electro-Acoustics, Vol. AU-16, 68-72 (1968).

"Some Remarks on the Analysis-by-Synthesis as a Model of Speech Perception," Z. f. Phonetik, Sprachwissenschaft und Kommunikationsforschung, Vol. 21 (Heft 1/2), 48-52 (1968).

M. Sawashima, H. Hirose, and O. Fujimura, "Observation of the Larynx by a Fiberscope Inserted through the Nose," J. Acoust. Soc. Am., Vol. 42, 1208 (1967).

"On the Second Spectral Peak of Front Vowels: A Perceptual Study of the Role of the Second and Third Formants," Language and Speech, Vol. 10, Part 3, 181-193 (1967).

"A Proposal of a Phonetic Transcription System," Bul. Phonetic Soc. Japan, No. 109, 6-9 (1962).

"Analysis of Nasal Consonants," J. Acoust. Soc. Am., Vol. 34, 1965-1875 (1962).

"Bilabial Stop and Nasal Consonants: A Motion Picture Study and its Acoustical Implications," J. Speech Hearing Res., Vol. 4, No. 3, 233-247 (1961).

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S. Hattori, K. Yamamoto, and O. Fujimura, "Nasalization of Vowels in Relation to Nasals," J. Acoust. Soc. Am., Vol. 30, 267-274 (1958).

##### ii. Review Articles

"The Nagoya Group of Research on Speech Communication--A Review of Some of their Publications," Phonetica, Vol. 7, 160-162 (1961).

"Review of the Sound System of Standard Japanese by F. J. Daniels," J. Acoust. Soc. Am., Vol. 31, 1968 (1959).

##### iii. Progress Reports

O. Fujimura, S. Kiritani, and H. Ishida, "Digitally Controlled Dynamic Radiography," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 3, 1-34 (1969).

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\* In cases where the staff member whose bibliography is being listed is the sole author, the name is omitted and the listing begins with the title of the article. All names are given in the case of multiple authors.

- S. Sasanuma, M. Itoh, and O. Fujimura, "Impairment of the Kana Processings in Aphasic Patients--A Preliminary Report on Experiment 1, " Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 3, 56-66 (1969).
- "Technological Developments for Language Learning, " Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 3, 81-110 (1969).
- O. Fujimura and R. Kagaya, "Structural Patterns of Chinese Characters, " Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 3, 131-148 (1969).
- O. Fujimura, H. Ishida, and S. Kiritani, "Computer Controlled Dynamic Cineradiography, " Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 2, 6-10 (1968).
- S. Kiritani, T. Hayata, S. Okamoto, and O. Fujimura, "Factors Contributing to the Difficulty in Pronunciation, " Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 2, 39-42 (1968).
- "Approaches toward a Model of Linguistic Behavior, " Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 2, 42-45 (1968).
- S. Maeda and O. Fujimura, "Factors of the Glottal Wave that Contribute to the Naturalness of Speech, " Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 2, 46-51 (1968).
- O. Fujimura and J. Lindqvist, "Sweep-Tone Measurements of the Vocal Tract Characteristics, " Speech Transmission Laboratory Quarterly Progress and Status Report (Royal Institute of Technology, Stockholm) No. 1, 103 (1965).
- O. Fujimura and J. Lindqvist, "The Sinewave Response of the Vocal Tract, " Speech Transmission Laboratory Quarterly Progress and Status Report (Royal Institute of Technology, Stockholm) No. 1, 5-10 (1964).
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- "Analysis of Nasalized Vowels, " Quarterly Progress Report (Research Laboratory of Electronics, M. I. T.) No. 62, 191-192 (1961).
- "Motion-Picture Studies of Articulatory Movements, " Quarterly Progress Report (Research Laboratory of Electronics, M. I. T.) No. 62, 197-202 (1961).

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iv. Abstracts of Meeting Papers

- O. Fujimura, H. Ishida, and S. Kiritani, "Tracking of Articulatory Movements by Means of a Computer-Controlled X-Ray Micro-beam, " J. Acoust. Soc. Am., Vol. 47, No. 1, 84 (1970)
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- "Vowel Identification and Phonetic Contexts, " J. Acoust. Soc. Am., Vol. 35, 1889-1963 (1963).
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ANNUAL BULLETIN NO. 5

Published by Research Institute of Logopedics and Phoniatics,  
University of Tokyo, June 15, 1971

(not for sale)