

RECENT PUBLICATIONS

July 1970 - March 1972*

A. Publications in English

1. Publications in Periodicals

i. Original Contributions

- F. S. Cooper, M. Sawashima, A. S. Abramson, and L. Lisker, "Looking at the Larynx during Running Speech," Ann. Otol. (St. Louis) Vol. 80, No. 5, 678-692 (1971).
- O. Fujimura, S. Kiritani, and H. Ishida, "Computer Controlled Radiography for Observation of Movements of Articulatory and Other Human Organs," Computers in Biology and Medicine (to be published).
- O. Fujimura and J. Lindqvist, "Sweep-Tone Measurements of Vocal-Tract Characteristics" J. Acoust. Soc. Am. Vol. 49, 541-558 (1971).
- T. Gay, H. Hirose, M. Strome, and M. Sawashima, "Electromyography of the Intrinsic Laryngeal Muscles during Phonation," Annals of Otol. Rhinol. Laryng. (1972 in press).
- S. I. Harada, "On Number Agreement" (to appear).
- S. I. Harada and S. Saito, "A Non-Source for Reflexives," Linguistic Inquiry Vol. 2, No. 4, 546-557 (1971).
- 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).
- H. Hirose, T. Gay, and M. Strome, "Electrode Insertion Techniques for Laryngeal Electromyography," J. Acoust. Soc. Am. Vol. 50, 1449-1450 (1971).
- H. Hirose, "The Activity of the Adductor Laryngeal Muscles in Respect to Vowel Devoicing in Japanese," Phonetica Vol. 23, 156-170 (1971).
- 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, C. L. Woods, and D. E. Williams, "Disfluency Variability of Stuttering and Nonstuttering Japanese Children," J. Speech and Hearing Research (in press).
- 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 Vol. VII, 1-18 (1971).

* For the publication by the staff members before this period, see "II. Selected Bibliographies of the Staff" in our Annual Bulletin No. 5, pp. 135-162 (1971).

- M. Sawashima, A. S. Abramson, F. S. Cooper, and L. Lisker, "Observing Laryngeal Adjustments during Running Speech by Use of a Fiberoptics System," Phonetica Vol. 22, 193-201 (1970).
- H. Takahasi and H. Kameda, "A Conception of Operating System Construction," Information Processing in Japan Vol. 10, 54-63 (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, "Auditory Temporal Masking: An Electrophysiological Study of Single Neurons in the Cat's Cochlear Nucleus and Inferior Colliculus," Jap. J. Physiol. Vol. 21, No. 5, 537-549 (1971).
- T. Watanabe and Z. Simada, "Collicular Auditory Interneuron and its Blocking by Dihydro- β -Erythroidine Hydrobromide," Proc. Japan Acad. Vol. 46, 983-988 (1970).

ii. Review Articles

iii. Progress Reports

- F. B. Berti and H. Hirose, "Velopharyngeal Function in Oral/Nasal Articulation and Voicing Gestures," Status Report on Speech Research (Haskins Laboratories) SR-28, 143-156 (1972).
- O. Fujimura, S. Kiritani, and H. Ishida, "Computer Controlled Radiography for Observation of Movements of Articulatory and Other Human Organs," Terminal Progress Report to NIH, Research grant number NB 07233-01, -02 and -03 (October 1971).
- O. Fujimura and M. Sawashima, "Consonant Sequences and Laryngeal Control," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 1-6 (1971).
- O. Fujimura, "Remarks on Stop Consonants - Synthesis Experiments and Acoustic Cues," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 4, 75-88 (1970).
- 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).
- T. Gay, H. Hirose, M. Strome, and M. Sawashima, "Electromyography of the Intrinsic Laryngeal Muscles during Phonation," Status Report on Speech Research (Haskins Laboratories) SR-25-26, 97-106 (1971).
- K. I. Harada, "Experiments on the T-T System," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 51-68 (1971).
- S. I. Harada, "Ga-No Conversion and Idiolectal Variations in Japanese," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 99-113 (1971).

- 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, "Laryngeal Adjustments for Vowel Devoicing in Japanese," Status Report on Speech Research (Haskins Laboratories) SR-28, 157-166 (1972).
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- H. Hirose, "Electromyography of the Articulatory Muscles: Current Instrumentation and Technique," Status Report on Speech Research (Haskins Laboratories) SR-25/26, 73-86 (1971).
- H. Hirose, "Toward Differential Diagnosis of Dysarthria," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 97-98 (1971).
- 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).
- R. Kagaya, "Laryngeal Gestures in Korean Stop Consonants," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 15-23 (1971).
- I. Kirikae, K. Nakamura, T. Sato, and T. Shitara, "A Study of Binaural Interaction," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 115-125 (1971).
- S. Kiritani, "X-Ray Monitoring of the Position of the Fiberscope by Means of Computer Controlled Radiography," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 35-39 (1971).
- 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).
- K. Ochiai and O. Fujimura, "Vowel Identification and Phonetic Contexts," Rep. Univ. Electro. -Comm. (University of Electro-Communications, Tokyo) 22-2 (Sci. & Tech. Sect.), 103-111 (1971).

- S. Sasanuma, "An Analysis of Writing Errors in Aphasic Patients -- Kanji versus Kana Words--," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 73-83 (1971).
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- C. Sato, "Interaction between Vowels and Consonants," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 69-72 (1971).
- M. Sawashima, "Devoicing of Vowels," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 7-13 (1971).
- M. Sawashima and T. Ushijima, "Use of the Fiberscope in Speech Research," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 25-34 (1971).
- 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, "Physiological Correlates of Japanese Accent Patterns," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 41-49 (1971).
- 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).
- E. Tagami, "Syntactic Impairments in Aphasia," Annual Bulletin (Research Institute of Logopedics and Phoniatics, University of Tokyo) No. 5, 91-96 (1971).
- iv. Abstracts of Meeting Papers
- F. B. Berti and H. Hirose, "The Velopharyngeal Mechanism: An Electromyographic Study," ASHA Vol. 13, 528 (1971).
- 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 on October 30, 1970, Eibungaku Kenkyū [Studies in English Literature] (to appear).
- H. Hirose and T. Gay, "An EMG Study of Laryngeal Activities in Speech," ASHA Vol. 13, 528 (1971).

- L. Lisker, M. Sawashima, A. S. 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, "Acoustics of Speech," Symposium- Speech Production-Speech Perception: Their Relationship to Cortical Functioning, Vancouver, April 1972.
- O. Fujimura, S. Kiritani, and H. Ishida, "Computer Controlled Radiography for Observation of Movements of Articulatory and Other Human Organs," 1971 Summer Computer Simulation Conference Vol. II, 1000-1008 (1971).
- H. Ishida and O. Fujimura, "The Pronunciation-Hearing Test System Using a Hybrid Magnetic Tape Unit," Proc. of the International Federation for Information Processing (1971).
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- I. Fujii, O. Fujimura, and R. Kagaya, "Dynamic Palatography by Use of a Computer and an Oscilloscope," Proc. of the 7th International Congress on Acoustics Vol. III, 113-116 (1971).
- O. Fujimura, I. F. Tatsumi, and R. Kagaya, "Computational Processing of Palatographic Patterns," Conference Record: 1972 Conference on Speech Communication and Processing, 214-217 (1972).
- S. Kiritani, O. Fujimura, H. Ishida, "Computer Controlled Radiography for Observation of Articulatory Movement," Proc. of the 7th International Congress on Acoustics Vol. III, 117-120 (1971).
- M. Sawashima, H. Hirose, T. Ushijima, and O. Fujimura, "Devoicing of Vowels," Proc. of the 7th International Congress on Acoustics Vol. III, 109-112 (1971).
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- H. Takahasi, O. Fujimura, and H. Kameda, "Behavioral Characterization of Topicalization- What is Topicalization, from a Computer System Point of View, " Proc. of the 1971 International Meeting on Computational Linguistics (in press).
3. Contributions in Separate Publications
- i. Papers in Festschriften and Anthologies
- O. Fujimura, "Technological Development for Language Learning," Applications of Linguistics (Selected Papers of the Second International Congress of Applied Linguistics, Cambridge, 1969, G. E. Perren and J. L. M. Trim, eds.), 41-64, Cambridge University Press, 1971.
- O. Fujimura, "Current Issues in Experimental Phonetics, " Studies in General and Oriental Linguistics (R. Jakobson and S. Kawamoto, eds.) TEC Co., Ltd., Tokyo, 109-130 (1970).
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- 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, The Hague (1971 in press).
- B. Publications in Japanese
1. Publications in Periodicals
- i. Original Contributions
- Y. Fukusako, M. Sawashima, and T. Iwasawa, "A Case of Child Aphasia Caused by Otogenic Subdural Abscess, " Japan J. Logopedics Phoniatics Vol. 13, 94-103 (1972).
- S. I. Harada, "What is a Transformation?--An Introduction to Generative Grammar, " Energeia Vol. 3, 7-27 (1971).
- S. I. Harada, "Tokiedan Grammar and Generative Grammar, " Eigo Bungaku Sekai [The World of English and Literature], March issue, 30-33 (1970).
- M. Hirano, T. Miyahara, T. Miyagi, H. Kunitake, T. Nagashima, H. Matsushita, T. Maeyama, N. Sanui, H. Kawasaki, I. Nozoe, H. Hirose, S. Kiritani, and O. Fujimura, "Regulation of Voice in Singing, " Japan J. Otol. (Tokyo) Vol. 74, 1189-1201 (1971).
- T. Ishii, S. Niimi, and H. Hirose, "Nasal Symptom Caused by Facial Palsy, " Naika [Internal Medicine] Vol. 28, 375-378 (1971).
- S. Sasanuma, "A Factorial Study of Language Impairment of 269 Aphasic Patients with Cerebrovascular Accident, Part II: The Variability of Factor Scores in the Recovery Processes of Aphasic Impairments, " Japanese J. Rehabilitation Medicine (in press).

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- S. Sasanuma, "Speech Therapists: Their Role in the Rehabilitation Team," Rigaku Ryocho to Sagyo Ryocho [Physical Therapy and Occupational Therapy], Vol. 4, 64-68 (1970).
- M. Sawashima, "Use of the Fiberscope in Observing Articulatory Movements," J. Acoust. Soc. Japan Vol. 27, 425-434 (1971).

ii. Review Articles

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- M. Sawashima, "Speech Study at Haskins Laboratories," J. Acoust. Soc. Japan Vol. 26, 329-331 (1970).

iii. Progress Reports

iv. Abstracts of Meeting Papers

- M. Abe, Y. Fukusako, M. Sawashima, T. Sagara, "Results of Speech Therapy for Cleft Palate Cases," Japan J. Logopedics Phoniatics Vol. 12, No. 2, 54-55 (1971).
- 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).
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- M. Inaeda, S. Sasanuma, and A. Takeuchi, "The Relationship between Auditory Retention Span and Other Language Abilities in Aphasic Patients," Japan J. Logopedics Phoniatics Vol. 12, No. 2, 42-43 (1971).
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ARTICLES IN THE PAST ISSUES

=====
 No. 1 (1967)
 =====

Introduction	1
Ichiro Kirikae	
Message of the Dean	4
Haruhisa Yoshikawa	
Message	5
Gunnar Fant, Royal Institute of Technology (KTH), Sweden	
To the Staff of the Research Institute of Logopedics and Phoniatics, Faculty of Medicine, University of Tokyo	7
Kennth N. Stevens, Massachusetts Institute of Technology, U. S. A.	
Greetings to the Speech Science Section of the Research Institute of Logopedics and Phoniatics	9
Research Staff of the Haskins Laboratories, U. S. A.	
Speech Research at Bell Telephone Laboratories	11
M. R. Schroeder, J. L. Flanagan, and P. B. Denes, Bell Telephone Laboratories, Inc., U. S. A.	
On the Nature of Speech Science	13
Gordon E. Peterson, Speech Communications Laboratory, U. S. A.	
Sur la Physiologie de la Phonation et du Langage Oral	20
Raoul Husson, National Center of Scientific Research, France	
Research Possibilities in Phonetics	31
Peter Ladefoged, University of California Los Angeles, U. S. A.	
Phonetic Training as a Prerequisite for Researchers in Speech-Sounds	35
Shirô Hattori, University of Tokyo, Department of Linguistics	
When We Started the Speech Polyclinic and Speech Laboratory at the Department of Oto-Rhino-Laryngology, University of Tokyo*. . .	37
Cotoji Satta, National Center for Speech and Hearing Disorders	

* in Japanese.

What We Expect from the Research Institute of Logopedics and Phoniatics*	39
Juro Oizumi, Tohoku University, Research Institute of Electrical Communication	
 Congratulating on the Opening of the Research Institute of Logopedics and Phoniatics and on the Publication of its First Annual Bulletin*	 41
Yoshio Hayashi, Keio University, Department of Oto-Rhino-Laryngology	
 Contributing to the First Issue of the Annual Bulletin, Research Institute of Logopedics and Phoniatics, University of Tokyo*	 42
Toshiyuki Sakai, Kyoto University, Department of Electrical Engineering	
 Comments on Speech Information Technology*	 44
Hidetosi Takahasi, University of Tokyo, Department of Physics	
 Research Objectives of our Department*	 46
Toshio Shirowa, Tokyo Medical College Hospital, Department of Oto-Laryngology	
 Present Status of the Department of Oto-Rhino-Laryngology*	 50
Shuji Gotô and Shigeru Itakura, Nagoya University	
 Our Course of Progress in Speech and Voice Research*	 51
Ikuichiro Hiroto, Kurume University, Department of Oto-Rhino-Laryngology	

=====
No. 2 (1968)
=====

Research Projects	4
Osamu Fujimura	
 Computer Controlled Dynamic Cineradiography	 6
O. Fujimura, H. Ishida, and S. Kiritani	
 Movements of the Larynx in Articulation of Japanese Consonants	 11
Masayuki Sawashima	
 An Electromyographic Study of Articulatory Movements	 21
H. Hirose, S. Kiritani, and S. Shibata	

* in Japanese.

A Study of Dynamic Palatography	28
Sadao Shibata	
An Experimental Study of the Contraction Properties of the Laryngeal Muscles in the Cat	37
H. Hirose, T. Ushijima, and T. Kobayashi	
Factors Contributing to the Difficulty in Pronunciation	39
S. Kiritani, T. Hayata, S. Okamoto, and O. Fujimura	
Approaches toward a Model of Linguistic Behavior	42
Osamu Fujimura	
Factors of the Glottal Wave That Contribute to the Naturalness of Speech	46
S. Maeda and O. Fujimura	
A Note on the Japanese Language as a Computer Language	52
Hisao Kameda	
Japanese Phonology - in Particular on the Accent Patterns of the 11th Century Kyoto Dialect -	55
Teruhiro Hayata	
A Study on Articulatory Movements in Cleft Palate Speech	56
Masayuki Sawashima	
Articulation Functions of the Glossectomized	58
M. Sawashima, T. Ushijima, Y. Kurauchi, and S. Iwamura	
A Case of Childhood Aphasia	59
Y. Fukusako, T. Sagara, S. Shibata, and M. Sawashima	
=====	
No. 3 (1969)	
=====	
Digitally Controlled Dynamic Radiography	1
O. Fujimura, S. Kiritani, and H. Ishida	
Devoiced Syllables in Japanese - A Preliminary Study by Photoelectric Glottography -	35
Masayuji Sawashima	
An Electromyographic Study of Articulatory Movements	42
H. Hirose, Z. Simada, and S. Kiritani	
Impairment of the Kanji and Kana Processings in Aphasic Patients - A preliminary Report on Experiment 1 -	56
S. Sasanuma, M. Itoh, and O. Fujimura	

An Audio-Digital Hybrid Magnetic Tape Transport	67
Haruhisa Ishida	
General Purpose I/O Panel for PDP-9	69
Haruhisa Ishida	
Natural and Artificial Information Processing Systems: A Preliminary Observation toward a Model of the Brain	72
Hisao Kameda	
Technological Developments for Language Learning	81
Osamu Fujimura	
Remarks on the Notion of Subject with Reference to Words like <u>Also</u> , <u>Even</u> , or <u>Only</u> , Illustrating Certain Manners in Which Formal Systems Are Employed as Auxiliary Devices in Linguistic Descriptions Part 1	111
S. -Y. Kuroda	
Structural Patterns of Chinese Characters	131
O. Fujimura and R. Kagaya	

=====
 No. 4 (1970)
 =====

A Preliminary Experiment of the Observation of the Hyoid Bone by Means of Digitally Controlled Dynamic Radiography	1
S. Kiritani and O. Fujimura	
An Electromyographic Study of the Activity of the Laryngeal Muscles During Speech Utterances	9
H. Hirose, Z. Simada, and O. Fujimura	
The Function of the Laryngeal Muscles in Respect to the Word Accent Distinction	27
Z. Simada and H. Hirose	
The Function of the Sternohyoid Muscle in Speech	41
J. Ohala and H. Hirose	
Laryngeal Control of Swedish Word Tone - A Preliminary Report on an EMG Study-	45
Eva Gårding, O. Fujimura, and H. Hirose	
Airflow Rate in Singing	55
M. Hirano, T. Miyahara, H. Hirose, S. Kiritani, and O. Fujimura	
Phoneme Identification with Dynamic Palatography	67
Itaru Fujii	

Remarks on Stop Consonants - Synthesis Experiments and Acoustic Cues	75
Osamu Fujimura	
Selective Impairment of Processing Phonetic and Non-phonetic Transcriptions of Words in Aphasic Patients - Kana and Kanji in Visual Recognition and Writing -	89
S. Sasamuna and O. Fujimura	
An Acoustic Study of Vowels in Down Syndrome Patients	95
Masako Abe	
Computer-Assisted Instruction in the Pronunciation of Foreign Languages	103
S. L. Hanauer	
The Pronunciation-Hearing Test Using a Hybrid Magnetic Tape System	111
D. Smith, K. Ito, C. Sato, H. Ishida, and O. Fujimura	
A New Method of Blood Flow Measurement by Means of Digitally Controlled Dynamic Radiography - A Preliminary Report . . .	115
K. Sano, I. Saito, N. Basugi, T. Asano, T. Fukushima, S. Kiritani, and O. Fujimura	
SCRIPTER: A Programming Language for Computer-Based Programmed Instruction	121
H. Ishida and S. Furukawa	
Remarks on the Notion of Subject with Reference to Words like <u>Also</u> , <u>Even</u> , <u>Only</u> , Illustrating Certain Manners in Which Formal Systems Are Employed as Auxiliary Devices in Linguistic Descriptions Part 2	127
S. -Y. Kuroda	

=====
No. 5 (1971)
=====

Consonant Sequences and Laryngeal Control	1
O. Fujimura and M. Sawashima	
Devoicing of Vowels	7
M. Sawashima	
Laryngeal Gestures in Korean Stop Consonants	15
Ryohei Kagaya	
Use of the Fiberscope in Speech Research	25
M. Sawashima and T. Ushijima	

X-Ray Monitoring of the Position of the Fiberscope by Means of Computer Controlled Radiography	35
Shigeru Kiritani	
Physiological Correlates of Japanese Accent Patterns	41
Z. Simada and H. Hirose	
Experiments on the T-T System	51
K. Ito Harada	
Interaction between Vowels and Consonants	69
Chizuko Sato	
An Analysis of Writing Errors in Aphasic Patients - Kanji versus Kana Words -	73
Sumiko Sasanuma	
Speech Characteristics of a Patient with Apraxia of Speech -A Preliminary Case Report-	85
Sumiko Sasanuma	
Syntactic Impairments in Aphasia	91
Emiko Tagami	
Toward Differential Diagnosis of Dysarthria	97
Hajime Hirose	
Ga-No Conversion and Idiolectal Variations in Japanese	99
S. I. Harada	
A Study of Binaural Interaction	115
I. Kirikae, K. Nakamura, T. Sato and T. Shitara	

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