

## PUBLICATIONS

### 1. Publications in Periodicals (text in English)

- O. Fujimura, "On the Second Spectral Peak of Front Vowels: A Perceptual Study of the Role of the Second and Third Formants," Language and Speech 10, Part 3, 181-193 (1967).
- O. Fujimura, "Some Remarks on the Analysis-by-Synthesis as a Model of Speech Perception," Zeitschrift für Phonetik, Sprachwissenschaft und Kommunikationsforschung 21 (Heft 1/2), 48-52 (1968).
- O. Fujimura, "An Approximation to Voice Aperiodicity," IEEE Transactions on Audio and Electroacoustics AU-16, 68-72 (1968).
- M. Sawashima and H. Hirose, "New Laryngoscopic Technique by Use of Fiber-optics," J. Acoust. Soc. Amer. 43, 168-169 (1968).
- M. Sawashima, G. Totsuka, T. Kobayashi, and H. Hirose, "Surgery for Hoarseness Due to Unilateral Vocal Cord Paralysis," Arch. Otolaryngol. 87, 289-294 (1968).

### 2. Publications in Periodicals (text in Japanese)

#### a. Original Contributions

- \*G. Totsuka, H. Hirose, and T. Kobayashi, "An Electromyographic Study of Postoperative Facial Nerve Palsy," Practica Otologica Kyoto 60, 1033-1046 (1967).
- \*H. Hirose, H. Abe, Y. Kurauchi, and M. Sawashima, "Voice Disturbances Secondary to Traffic Accident - Report of 4 Cases -," Otolaryngology (Tokyo) 40, 46-53 (1968).

#### b. Review Articles

- O. Fujimura, "Speech of Japanese - from a Phonological Description of the Linguistic Form to the Sound Wave -," Collected Papers in Commemoration of the 20th Anniversary, NHK, Radio & Television Culture Research Institute, ed., 363-404 (1967).
- O. Fujimura, "Recent Developments in Linguistics," J. I. E. E. J. 87-21, 2291-2305 (1967).
- O. Fujimura, "Medical Implications of On-line Computer Experiments in Speech Research," Tokyo J. of Medical Sciences 75, 235-239 (1967).
- \*H. Hirose, "F. Semon's Original Paper on Recurrent Laryngeal Nerve Palsy," Otolaryngology (Tokyo) 39, 1053-1057 (1967).
- M. Sawashima, "Recent Development in Phoniatics and Logopedics," Otologia Fukuoka 13, 197-207 (1957).
- O. Fujimura, "Transcription of Speech," Kotoba-no Uchu (The Universe of Word) 3, 29-36 (1968).

\*H. Hirose, "Voice and Speech Disturbances Associated with Brain Stem Lesion," Saigai Igaku (Medical Journal of Labor Accidents) 2, 157-164 (1968).

M. Sawashima, "Clinical Remarks on Voice Disorders," Japan J. of Logopedics and Phoniatics 9 (No. 1) (1968) (in press).

### 3. Meeting Papers

#### a. English Texts Published in Proceedings or Digests

O. Fujimura, "An Approximation to Voice Aperiodicity," Conference Preprints, 1967 Conference on Speech Communication and Processing (AFCRL-IEEE), (November, 1967).

Y. Kato, K. Ochiai, O. Fujimura, and S. Maeda, "A Vocoder Excitation with Dynamically Controlled Voicedness," Conference Preprints, 1967 Conference on Speech Communication and Processing (AFCRL-IEEE), (November, 1967).

M. Sawashima, H. Hirose, and O. Fujimura, "Observation of the Larynx by a Fiberscope Inserted through the Nose," The 74th Meeting of the Acoustical Society of America, p. 69, Paper GG-5 (November, 1967).

O. Fujimura, S. Shibata, Z. Simada, S. Kiritani, and C. Satta, "A Study of Dynamic Palatography," The 6th International Congress on Acoustics, Tokyo (August, 1968).

S. Kiritani, H. Hirose, S. Shibata, and M. Sawashima, "An Electromyographic Study of Articulatory Movements," The 6th International Congress on Acoustics, Tokyo (August, 1968).

M. Sawashima, H. Hirose, S. Kiritani, and O. Fujimura, "Articulatory Movements of the Larynx," The 6th International Congress on Acoustics, Tokyo (August, 1968).

#### b. Japanese Texts Published in Proceedings or Digests

H. Chitose, S. Iwamura, and H. Hirose, "Evaluation of Hoarseness in Recurrent Laryngeal Nerve Palsy," Japan J. of Logopedics and Phoniatics 8, 9 (1967).

H. Hirose, S. Kiritani, S. Shibata, and I. Kirikae, "An Electromyographic Study of Articulatory Movements," Reports of the 1967 Autumn Meeting of the Acoustical Society of Japan, 241-242 (1967).

H. Hirose, S. Kiritani, S. Shibata, and I. Kirikae, "An Electromyographic Study of Articulatory Movements," Japan J. of Logopedics and Phoniatics 8 (No. 3), 4-5 (1967).

S. Iwamura and M. Sawashima, "A Consideration on Psychogenic Dysphonia," Japan J. of Logopedics and Phoniatics 8 (No. 2), 10 (1967).

Y. Kurauchi and M. Sawashima, "Clinical Examination of Aphasia," Japan J. of Logopedics and Phoniatics 8 (No. 2), 43 (1967).

- T. Sagara, Y. Fukusako, and M. Sawashima, "Language Capacity of an Aphasic Child in the Course of Theraphy," Japan J. of Logopedics and Phoniatrics 8 (No.2), 26 (1967).
- M. Sawashima, H. Hirose, S. Kiritani, O. Fujimura, and S. Hiki, "Periodicity and Hoarseness of Voice," Reports of the 1967 Spring Meeting of the Acoustical Society of Japan 275-276 (1967).
- M. Sawashima and H. Hirose, "Observation of the Larynx by Use of a Fiberscope Inserted through the Nose," J. Japan Bronchoesophagol. Soc. 18 216 (1967).
- M. Sawashima, H. Hirose, O. Fujimura, and I. Kirikae, "Observation of the Glottis by Use of Flexible Fiberscope," Japan J. of Logopedics and Phoniatrics 8 (No.2) 14-15 (1967).
- E. Takenaka, H. Hirose, M. Kitawada, and H. Abe, "Swallowing Function in Recurrent Laryngeal Nerve Palsy," J. Japan Bronchoesophagol. Soc. 18, 457 (1967).
- T. Ushijima, H. Hirose, and T. Kobayashi, "An Experimental Study of Contraction of the Intrinsic Laryngeal Muscles in the Cat," Japan J. of Logopedics and Phoniatrics 8 (No.2), 15-16 (1967).
- F. Yoneyama and M. Sawashima, "A Study of Clinical Evaluation of Voice Range," Japan J. of Logopedics and Phoniatrics 8 (No.2), 17 (1967).
- H. Hirose, "A Phoniatic Study of Eunuchoidism," Jap. J. Otol. Tokyo 71, 576 (1968).
- M. Sawashima, "A Study on Articulatory Movements in Cleft Palate Speech," Jap. J. Otol. Tokyo 71, 612 (1968).
- M. Sawashima, T. Ushijima, Y. Kurauchi, and S. Iwamura, "Articulation Function of the Glossectomized," Jap. J. Otol. Tokyo 71, 355 (1968).
- G. Totsuka, H. Hirose, T. Kobayashi, and S. Niimi, "Facial Nerve Palsy and Electromyography," Jap. J. Otol. Tokyo 71, 364 (1968).
- c. Abstracts Published in Periodicals
- O. Fujimura, "Representation of the Articulatory Condition in Relation to Formant Positions," J. Acoust. Soc. Japan 23, 312 (1967)
- O. Fujimura, "Linguistic Information and Automatic Processings of Speech," J. Acoust. Soc. Japan 23, 442 (1967).
- M. Sawashima, H. Hirose, and O. Fujimura, "Observation of the Larynx by a Fiberscope Inserted through the Nose," J. Acoust. Soc. Amer. 42, 1208 (1967).

d. Printed Texts of Oral Papers

- O. Fujimura, "Speech Synthesis as Basic Research," General Symposium of the Institute of Electronics and Communication Engineers of Japan (October, 1967).

ANNUAL BULLETIN NO. 2

Published by Research Institute of Logopedics and Phoniatics,  
University of Tokyo, April 15, 1968

(not for sale)