

RECENT PUBLICATIONS

April 1987 - March 1988

A. Publications in English

A.1. Publications in Periodicals

A.1.i. Original Contributions

Koike, Y., M. Daito and S. Imaizumi: Analisis Cuantitativo de las Vibraciones de los Repliegues Vocales Mediante Cine-Estroboscopia. Revista de Logopedia, Foniatria Yaudiologia, 7, 126-130, 1987.

Kuriyagawa, F.: Duration of Vowels in the Construct State in Modern Hebrew. ORIENT, 23, 54-62, 1987.

Kuriyagawa, F., S. Niimi and H. Hirose: An Electromyographic Study of the Emphatic Consonants in Standard Jordanian Arabic. Folia Phoniatic. (in press)

Lust, B., and R. Mazuka : Cross-Linguistic Studies of Directionality in First Language Acquisition: Response to O'Grady, Suzuki-Wei and Cho. Child Language. (in press)

Niimi, S., S. Horiguchi and N. Kobayashi: Laryngeal Control for Vibrato and Trilla. Folia Phoniatic. (in press)

Niimi, S.: Ultrasonic Observation of the Tongue with Reference to Palatal Configuration. J. Phonetics. (in press)

Sugishita, M., K. Konno and S. Kabe: Electropalatographic Analysis of Apraxia of Speech in a Left Hander and in a Right Hander. Brain, 110, 1393-1417, 1987.

A.1.ii. Review Articles

none

A.1.iii. Progress Reports

Hiramatsu, K., M. Akimoto, M. Fukuda, O. Saitoh, T. Kameyama, S. Niwa and K. Itoh: P300 Components to Frequent Standard Stimuli in a 3-Tone Paradigm Reflect Task Strategy. Ann. Bull. RILP, 21, 75-82, 1987.

Hirose, H., S. Kiritani and H. Imagawa: High-Speed Digital Image Analysis of Laryngeal Behavior in Running Speech. Ann. Bull.

- RILP, 21, 25-40, 1987.
- Imagawa, H., S. Kiritani and H. Hirose: Further Development in High-Speed Digital Image Recording System for Assessment of Vocal Cord Vibration --With Special Reference to its Clinical Application--. Ann. Bull. RILP, 21, 9-24, 1987.
- Imaizumi, S., S. Kiritani, H. Hirose, S. Togami and K. Shirai: Preliminary Report on the Effects of Speaking Rate upon Formant Trajectories. Ann. Bull. RILP, 21, 147-152, 1987.
- Kiritani, S., H. Fukawa, H. Imagawa, S. Imaizumi and S. Saito: Measurement of Air Flow Pattern through a Mechanically Driven Oscillating Slit: A Preliminary Report. Ann. Bull. RILP, 21, 1-8, 1987.
- Kobayashi, N.: Intraoral Air Pressure Variations for Consonantal Voicing Distinction in Speech without Larynges. Ann. Bull. RILP, 21, 193-202, 1987.
- Konno, K., M. Sugishita and H. Hirose: Articulatory Movements in Apraxia of Speech. Ann. Bull. RILP, 21, 177-192, 1987.
- Kuriyagawa, F.: The Duration of Vowels in the Construct State of Modern Hebrew. Ann. Bull. RILP, 21, 53-68, 1987.
- Kuriyagawa, F. and M. Sawashima: Word Accent and the Duration of Vowels in /C₁u₁C₂u₂/ in Japanese. Ann. Bull. RILP, 21, 41-52, 1987.
- Niimi, S., S. Horiguchi, N. Kobayashi and M. Yamada: Electromyographic Study of Vibrato and Tremolo in Singing. Ann. Bull. RILP, 21, 153-164, 1987.
- Saitoh, O., K. Itoh, S. Niwa, K. Hiramatsu, T. Kameyama, M. Fukuda and K. Nakagome: Brain Electrophysiological Concomitant of Cognitive Context: A Reappraisal of P300. Ann. Bull. RILP, 21, 93-100, 1987.
- Sawashima, M., S. Niimi, S. Horiguchi and H. Yamaguchi: On the Clinical Evaluation of Aerodynamic Data in Phonation: A Study of Normative Data Using the Airway Interruption Method. Ann. Bull. RILP, 21, 101-110, 1987.
- Yamada, A., S. Imaizumi, T. Harada, Y. Mikami, T. Deguchi and H. Hosoi: Effects of Temporal Factors on the Speech Perception of the Hearing Impaired --A Preliminary Report--. Ann. Bull. RILP, 21, 131-140, 1987.
- Yoshioka, H., M. Ishikura and K. Itoh: Auditory and Visual Reaction Times as a Function of Repetition Frequency. Ann. Bull. RILP, 21, 83-92, 1987.
- Yoshioka, H., T. Nagai and K. Itoh: How Does It Sound Diplophonic? Ann. Bull. RILP, 21, 111-116, 1987.

Yoshioka, H., S. Sekimoto, M. Hara and Y. Kudoh: Silicone Block Prosthesis for Endolaryngeal Microsurgery. Ann. Bull. RILP, 21, 141-146, 1987.

A.1.iv. Abstracts of Meeting Papers

Lust, B. and R. Mazuka: Universals in First Language Acquisition: Grammatical Competence or Processing Strategies. The Biennial Meeting of The Society for Research in Child Development. April, 1987.

A.2. Contributions in Meeting Proceedings etc.

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

Kiritani, S., S. Imaizumi and H. Fujisaki: Advanced Techniques for Speech Synthesis. Preprints of the First Symposium on Advanced Man-Machine Interface Through Spoken Language (Ed. The Steering Group of the Priority Areas, Advanced Man-Machine Interface Through Spoken Language, the Ministry of Education, Science and Culture, Japan), 39-52, 1988

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

Kiritani, S. and H. Hirose: High-Speed Digital Image Recording for the Observation of the Vocal Cord Vibration. Proceedings of the International Congress of Phonetic Sciences, 6, 44-47, 1987.

Kuriyagawa, F.: Vowel Signs and Duration of Vowels in Modern Hebrew. Proceedings of 16th International Congress of Linguists. (in press)

Mazuka, R. and Lust, B.: Why is Japanese not Difficult to Process?: A Proposal to Integrate Parameter-Setting in Universal Grammar and Parsing. Proceedings of 18th Annual Conference of North Eastern Linguistic Society. (in press)

Sawashima, M. and S. Kiritani: Electropalatographic Studies on Japanese Intervocalic /r/ and /d/. Proceedings of 11th International Congress of Phonetic Sciences, 6, 419-422, 1987.

A.3. Contributions in Separate Publications

A.3.i. Part of a Textbook, Handbook, Anthologies etc.

Hirose, H. and S. Niimi: The Relationship between Glottal Opening and the Transglottal Pressure Differences During Consonant Production. Laryngeal Function in Phonation and Respiration (Eds. Baer, T., C. Sasaki, and K. Harris),

College-Hill Press, 381-390, 1987.

Hirose, H.: Laryngeal Articulatory Adjustment in Terms of EMG. *Neurolaryngology* (Eds. Hirano, M., J. A. Kirchner and D. M. Bless), College-Hill Press, 200-208, 1987.

Hirose, H. and Y. Joshita: Laryngeal Behavior in Patients with Disorders of the Central Nervous System. *Neurolaryngology* (Eds. Hirano, M., J. A. Kirchner, and D. M. Bless) College-Hill Press, 258-266, 1987.

Honda, K., S. Kiritani, H. Imagawa and H. Hirose: High-Speed Digital Recording of Vocal Fold Vibration Using a Solid-State Image Sensor. *Laryngeal Function in Phonation and Respiration* (Eds. Baer, T., C. Sasaki, and K. Harris), College-Hill Press, 381-390, 1987.

Kameyama, T., S. Niwa, K. Hiramatsu, O. Saitoh, M. Fukuda, K. Nakagome and K. Itoh: Event-Related Potential Correlates of Psychotropic Drug Effects on Attentional and Hemispheric Dysfunction in Schizophrenia. *Cerebral Dynamics, Laterality and Psychopathology* (Eds. Takahashi, R., P. Flor-Henry, J. Gruzerier and S. Niwa), Elsevier, Amsterdam, 1987.

Kiritani, S. and M. Sawashima: The Temporal Relationship between Articulations of Consonants and Adjacent Vowels. *Netherlands Phonetic Archives VI, In Honor of Ilse Lehiste* (Eds. Channon, R. and L. Shockey), Foris Publications, Dordrecht-Holland, 139-149, 1987.

Nishizawa, N. and H. Hirose: Idiopathic Associated Laryngeal Palsy. *Neurolaryngology* (Eds. Hirano, M., J. A. Kirchner and D. M. Bless), College-Hill Press, 249-257, 1987.

Sawashima, M. and K. Honda: An Airway Interruption Method for Estimating Expiratory Air Pressure During Phonation. *Laryngeal Function in Phonation and Respiration* (Eds. Baer, T., C. Sasaki and K. Harris), College-Hill Press, 439-447, 1987.

A.3.ii. Monographs

none

A.4. Translations

none

B. Publications in Japanese

B.1. Publications in Periodicals

B.1.i. Original Contributions

Imagawa, H., S. Kiritani and H. Hirose: High-Speed Digital Image Recording System for Observing Vocal Fold Vibration Using an Image Sensor. *Jpn. J. ME and BE*, 25, 284-290, 1987.

Hosoi, H., Y. Yoshioka, F. Ohta and S. Imaizumi: Measurement of Comfortable Loudness levels -Basic Study on the New Method-. *J. Otolaryngol. Jpn.*, 90, 730-735, 1987.

Kuriyagawa, F.: Duration of Vowels in the Construct State in Modern Hebrew(□)-Expanded Studies of Vowel Length in Hebrew Nouns-. *J. Linguistic Soc. Jpn.*, 92, 95-117, 1987.

Makiyama, K., K. Hisamatsu et al: Treatment of Allergic Rhinitis with AA-673 Nasal Drops. *Otologia Fukuoka*, 33, 713-724, 1987.

Murofushi, T., Y. Nagao, T. Semba, M. Mizuno, S. Niimi and H. Hirose: A Histopathological Study of the Cricopharyngeus Muscle. *J. Jpn. Bronchoesophagol. Soc.* 38, 283-289, 1987.

Okamoto, M., K. Kikuchi, K. Makiyama et al: Suppressive Effect of SCH 1000 on Nasal Hypersecretion in Nasal -Study of Efficacy and Dose Finding-. *Oto-Rhino-Laryngology Tokyo*, 30, Suppl. 1, 27-45, 1987.

Okamoto, M., K. Kikuchi, K. Makiyama et al: Suppressive Effect of SCH 1000 on Nasal Hypersecretion in Nasal Hypersensitivity -D.B.T. Using Placebo-. *Oto-Rhino-Laryngology Tokyo*, 31, Suppl. 1, 37-58, 1988.

Okuda, M., K. Makiyama, K. Hisamatsu et al: A Dose Finding Study with AA-673 Nasal Solution in Allergic Rhinitis. *Oto-Rhino-Laryngology Tokyo*, 30, Suppl. 2, 117-132, 1987.

Okuda, M., K. Makiyama, K. Hisamatsu et al: Controlled Study Comparing AA-673 Nasal Solution and Disodium Cromoglycate Nasal Solution in Allergic Rhinitis. *Oto-Rhino-Laryngology Tokyo*, 30, Suppl. 2, 133-157, 1987.

Okuda, M., K. Makiyama, K. Hisamatsu et al: Prophylactic Efficacy of Tranilast on Japanese Cedar Pollinosis by the Administration in the Previous Pollen Season. *Oto-Rhino-Laryngology Tokyo*, 30, Suppl. 3, 219-243, 1987.

Sawashima, M., K. Honda and Y. Aoki: Use of the Airway Interruption Method for Evaluating Aerodynamic Conditions in Phonation. *Jpn. J. Logop. Phoniatr.*, 28, 257-264, 1987.

Tsunoda, K., T. Ushijima, S. Niimi, H. Hirose and M. Sawashima: Prognosis of Hoarseness in Children. *J. Otolaryngol. Jpn.*

(in press)

Yamada, A., S. Imaizumi, T. Harada and H. Hosoi: Effects of Segmental Duration and Inter-Segmental Duration on the Vowel Perception for the Sensorineural Hearing Impaired. *Communication Disorder Research*, 16, 55-61, 1987.

B.1.ii. Review Articles

Hirose, H.: Psychogenic Dysphonia. *Pediatrics of Jpn.*, 28, 337-342, 1987.

Hirose, H.: Handedness and Language. *Seitai no Kagaku*, 38, 157-160, 1987.

Hirose, H.: Function of the Larynx. *J. Jpn. Bronchoesophagol. Soc.*, 38, 334-335, 1987.

Hirose, H.: Central Mechanism of Phonation. *Jpn. J. Logop. Phoniater.*, 28, 200-201, 1987.

Hirose, H.: Supraglottal Structure and Voice. *Igaku no Ayumi* 142, 938, 1987.

Hirose, H.: Villaret Syndrome. *JOHNS*, 3, 117-120, 1987.

Hirose, H.: Functional Dysphonia. *Oto-Rhino-Laryngol. Clinic (Kyoto)*, 80, 1334-1338, 1987.

Hirose, H.: Recent Topics in Phonosurgery. *Igaku no Ayumi*, 144, 168-170, 1988

Kiritani, S.: Recent Techniques for the Hearing Aids. *J. IEICE*, 70, 421-425, 1987.

Kiritani, S.: Visualization of the Speech Sounds. *Gengo*, 17, 71-77, 1988.

Kobayashi, N.: Voice Therapy in USA. *Jpn. J. Logop. Phoniater.*, 28, 270-275, 1987.

Kuriyagawa, F.: Israel as Multilingual Society and Japan as a Monolingual Society. *Kyoiku-Gakujutsu-Shinbun*, July 1 and 8, 1987.

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Makiyama, K: Japanese Cedar Pollinosis. *Nihon Univ. Medical Alumni Bulletin*, No.372, 2, 1987.

Niimi, S.: Speech Disorders. *Pediatrics of Jpn.*, 28, 195-202, 1987.

Niimi, S.: Voice Disorders. *Otologia* (Fukuoka), 33, 765-766, 1987.

Niimi, S.: Postoperative Recurrent Nerve Palsy. *J. Intensive Care Medicine*, 12, 1-6, 1988.

Sawashima, M.: Remarks by the Chairperson at the Symposium "Communication Disorders and Otolaryngology". *J. Otolaryngol. Jpn.*, 90, 1726-1728, 1987.

B.1.iii. Progress Reports

Kuriyagwa, F.: /hō̄ su/, /kawakā̄ su/, /kanso:saseru/, *Imi-bunseki, Linguistics Papers of Dept. of Linguistics, University of Tokyo*, 12-14, 1987.

B.1.iv. Abstracts of Meeting Papers

Abe, M. and M. Sawashima: Clinical Observations of the Pattern of Articulatory Errors in Speech Disorders. *Jpn. J. Logop. Phoniater.*, 29, 64-65, 1988.

Fukuda, M., K. Hiramatsu, M. Akimoto, S. Niwa, T. Kameyama, O. Saitoh, K. Nakagome, M. Hayashida and K. Itoh: Effects of Strategy Instruction on Emergence of Frequent P300 in Schizophrenic Patients. *Jpn. J. EEG & EMG*, 15, 136, 1987.

Fukusako, Y., K. Endo, K. Konno, K. Hasegawa, I. Tatsumi, S. Masaki, M. Kawamura, J. Shioda and H. Hirose: Posttherapeutic Change in Dysarthric Speech in Spastic Dysarthrics -Evaluation Based on Acoustic Impression-. *Jpn. J. Logop. Phoniater.*, 29, 66-67, 1988.

Hayashida, M., T. Kameyama, S. Niwa, K. Hiramatsu, O. Saitoh, M. Fukuda, K. Nakagome and K. Itoh: Standards of Normal Nd and P300 in Event-Related Potentials for Clinical Use. *Jpn. J. EEG & EMG*, 15, 138-139, 1987.

Hirose, H., G. Ohyama and K. Konno: A Preliminary Study of Quantitative Evaluation of Dysarthria. *Jpn. J. Logop. Phoniater.*, 65, 29, 1988.

Hisamatsu, K., K. Makiyama, T. Ganbo, G. J. Gleich et al: Cytotoxicity of Human Eosinophil Granule Major Basic Protein (MBP) on the Human Nasal Mucosa. *J. Jpn. Soc. of Immunology & Allergology in Otolaryngology*, 5, 22-23, 1987.

Hisamatsu, K., K. Makiyama, T. Ganbo, G. J. Gleich et al: Cytotoxicity of Human Eosinophil Granule Major Basic Protein (MBP) on the Human Nasal Mucosa. *J. Otolaryngol. Jpn.*, 90, 1623, 1987.

- Hisamatsu, K., K. Makiyama, T. Ganbo, G. J. Gleich et al: Cytotoxicity of Human Eosinophil Granule Major Basic Protein (MBP) on the Human Nasal Mucosa. Jpn. J. Allergology, 36, 623, 1987.
- Hisamatsu, K., K. Makiyama, T. Ganbo, G. J. Gleich et al: Cytotoxicity of Platelete Activation Factor (PAF) on the Human Nasal Mucosa. J. Jpn. Soc. of Immunology & Allergology in Otolaryngology, 5, 20-21, 1987.
- Hisamatsu, K., K. Makiyama, T. Ganbo, G. J. Gleich et al: Cytotoxicity of Platelete Activation Factor (PAF) on the Human Nasal Mucosa. J. Jpn. Rhinologic Soc., 26, 42, 1987.
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- Hosoi, H., Y. Yoshioka, F. Ohta and S. Imaizumi: A New Measurement Method of Comfortable Loudness Levels -The Second Report-. Audiology Jpn., 30, 331-332, 1987.
- Imagawa, H., S. Kiritani, H. Hirose and M. Sawashima: Clinical small System for High-speed Digital Image Recording of Vocal Cord Vibration. Jpn. J. Logop. Phoniater., 29, 125, 1988.
- Kida, A., K. Makiyama, K. Kikuchi, H., Tomita et al: Clinical Study of Malignant Melanoma in Nasal Cavity. J. Otolaryngol. Jpn. 90, 1673, 1987.
- Kiritani, S. and H. Hirose: High-Speed Imaging of Glottal Movements During Phonation by Use of a Fiberscope and an Image Sensor. J. Jpn. Bronchoesophagol. Soc., 38, 235, 1987.
- Kiritani, S., H. Hirose and H. Imagawa: A New Method of High-Speed Digital Image Recording for the Observation of the Pathological Vocal Fold Vibration. J. Otolaryngol. Jpn., 90, 1615-1616, 1987.
- Kiritani, S., H. Imagawa and H. Hirose: High-Speed Digital Image Recording by Use of a Fiberscope and an Image Sensor. Jpn. J. Logop. Phoniater., 29, 1988.
- Kobayashi, N., S. Niimi and K. Tsunoda: Physiological Findings on the Relationship Between Speech and Respiration in Esophageal Speech. Jpn. J. Logop. Phoniater., 29, 38-39, 1988.
- Konno, K., M. Sugishita and H. Hirose: Phonetic and Phonological Characteristics of 5 Pure Apraxia of Speech. Jpn. J. Logop. Phoniater., 29, 107, 1988.
- Koyama, H., K. Makiyama, K. Hisamatsu et al: Clinical Study of

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- Nagao, Y., M. Yokokouji, T. Murofushi, M. Mizuno, S. Niimi and H. Hirose: A Clinical Survey of Dysphagia. J. Jpn. Bronchoesophgol. Soc., 38, 264, 1987.
- Niimi, S., H. Hirose, K. Honda and T. Ishii: An Electromyographic Study on Variance of the Tongue Articuration. Jpn. J. Logop. Phoniater. 29, 47-48, 1988.
- Nishizawa, N. and M. Sawashima: Observation of the Laryngeal Image by Means of a Stereo-type Oblique Angled Solid Endoscope. J. Otolaryngol. Jpn., 90, 1617-1618, 1987.
- Okamoto, A., K. Suzuki, Y. Hara, M. Koike, G. Ohoyama, S. Niimi and K. Hasegawa: Acoustic Impression and Acoustic Analysis on Esophageal Speech. Jpn. J. Logop. Phoniater. 29, 36-37, 1988.
- Tsunoda, K.: Clinical Considerations for Tumor in Parapharyngeal Space. J. Otolaryngol. Jpn., 90, 792, 1987.
- Tsunoda, K., K. Ohshima, T. Igarashi, T. Sonoda, M. Miyata and M. Morita: Chemotherapy for Metastatic Lung Tumor of Head and Neck Tumor. J. Otolaryngol. Jpn., 90, 2020, 1987.
- Tsunoda, K., S. Niimi, H. Hirose, M. Sawashima and T. Ushijima: A Clinical Study on the Prognosis of Hoarseness in Childhood. Jpn. J. Logop. Phoniater., 29, 47-48, 1988.
- Ushijima, T., Y. Kase, T. Kobayashi, S. Niimi and H. Hirose: Laser Therapy for the Recurrent Haemorrhage of the Vocal Cord. Jpn. J. Logop. Phoniater. 29, 44-45, 1988.
- Yabe. T., M. Abe and M. Sawashima: An Andiological Study of Clinical Cases with Congenital Velopharyngeal Insufficiency. Clinic. Otology, 14, 148, 1987.
- Yamada, A., S. Imaizumi, T. Harada and H. Hosoi: Effects of Temporal Factors on the Vowel Perception for the Sensorineural Hearing Impaired. Audiology Jpn., 30, 695-696, 1987.
- Yamaguchi, H., Y. Yotsukura, H. Sata, H. Hirose, S. Imaizumi, S. Horiguchi, K. Kumakawa and T. Akutsu: Postoperative Vocal Function in Unilateral Recurrent Nerve Paralysis. J. Jpn.

Bronchoesophagol. Soc., 38, 232-233, 1987.

Yamaguchi, H., Y. Yotsukura, Y. Watanabe, H. Hirose, S. Imaizumi and N. Kobayashi: Pushing Method as a Voice Therapy for Incomplete Glottal Closure. Jpn. J. Logop. Phoniatr., 29, 122-123, 1988.

Yokokouji, M., T. Murofushi, T. Semba, Y. Nagao, M. Mizuno, S. Niimi and H. Hirose: Two Cases with Sequela of Airway Diphtheria Infection. J. Jpn. Bronchoesophagol. Soc., 38, 254, 1987.

B.2. Contributions in Meeting Proceedings etc.

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

Abe, M., M. Sawashima and K. Okazaki: Observation of Nasopharyngeal Articulation. IEICE Technical Report, SP87-84, 1987.

Hiramatsu, K., M. Akimoto, M. Fukuda, O. Saitoh, T. Kameyama, S. Niwa and K. Itoh: Auditory Information Processing and Event-Related Potentials in Three-Tone Paradigm. IEICE Technical Report, SP87-49, 1987.

Imaizumi, S., S. Kiritani, A. Terawa, K. Moriki and K. Shirai: Variability in Formant Trajectories Depending upon Speaking Rate and Individual Speakers. IEICE Technical Report, SP87-131, 1988.

Kiritani S., and S. Imaizumi: Toward High-Quality Synthesis of Segmental Features of Speech for Advanced Man-Machine Interface. Research Report of Grant-in-Aid for Scientific Research on Priority Areas, Advanced Man-Machine Interface Through Spoken Language, the Ministry of Education, Science and Culture, Japan, No. PASL 62-5-1, 1987.

Kiritani, S.: Studies on Advanced Techniques for Speech Synthesis. 1987 Annual Report of Grant-in-Aid for Scientific Research on Priority Areas, Advanced Man-Machine Interface Through Spoken Language, the Ministry of Education, Science and Culture, Japan, 41-50, 1988.

Konno, K., M. Sugishita and H. Hirose: Articulatory Movements of Apraxia of Speech. IEICE Technical Report, SP87-82, 1987.

Koshida, I., S. Matsumoto, N. Suehiro and K. Itoh: Discussion on Information Transmission Considering Human Cognition II - on Recognition of Multispeakers -. IEICE Technical Report, IT87-92, 1987.

Suehiro, N., S. Matsumoto, I. Koshida and K. Itoh: Discussion on Information Transmission Considering Human Cognition I -on Quality of Acoustic Signal-. IEICE Technical Report, IT87-

91, 1987.

Yoshioka, H., M. Ishikuta and K. Itoh: Auditory and Visual Reaction Times as a Function of Perception Frequency. IEICE Technical Report, SP87-47, 1987.

B.2.ii. Meeting Papers in Proceedings or Disgests

Fukuda, M., S. Nagakubo, O. Saitoh, K. Hiramatsu, S. Niwa. K. Itoh, K. Nakagome and T. Kameyama: Effects of Strategy Instruction on Emergence of Frequent P300 in Schizophrenic Patients (2). Proceedings of the 17th Japan Conference of EEG & EMG, 222, 1987.

Hirose, H.: Articulatory Disorders. Proc. of 22nd Congress of Jpn. Med. Assoc., 190, 1987.

Hisamatsu, K., K. Makiyama, T. Ganbo, G. J. Gleich et al: Cytotoxicity of Human Eosinophil Granule Major Basic Protein (MBP) on the Human Nasal Mucosa. Abstracts of the 6th ISIAN (Internatinal Symposium on Infection and Allergy of the Nose and Paranasal Sinuses), 86, 1987.

Hisamatsu, K., K. Makiyama, T. Ganbo, G. J. Gleich et al: Cytotoxicity of Platelete Activation Factor (PAF) on the Human Nasal Mucosa. Abstracts of the 6th ISIAN (Internatinal Symposium on Infection and Allergy of the Nose and Paranasal Sinuses), 86, 1987.

Igarashi, T., K. Tsunoda, T. Sonoda, M. Miyata and M. Morita: Chemotherapy Using CDDP and 5-FU for Lung Metastatis of Head and Neck Tumor. Proceedings of the 88th Annual Convention of the Otolaryngol. Soc. Jpn., 255, 1987.

Imagawa, H. and S. Kiritani: Real-time pitch Extraction System Using a DSP for the Intonation Training. Report of the 1988 Spring Meeting of the Acoust. Soc. Jpn., 221-222, 1988.

Imaizumi, S., H. Imagawa, S. Kiritani, S. Togami, and K. Shirai: Characteristics of the Changes in Formant Trajectories due to the Variation of Speaking Rate. Reports of the 1987 Autumn Meeting of the Acoust. Soc. Jpn., 201-202, 1987.

Imaizumi, S., S. Kiritani, A. Terawa, K. Moriki and K. Shirai: Speaker-Dependent Variability in Formant Trajectories. Reports of the 1988 Spring Meeting of the Acoust. Soc. Jpn., 181-182, 1988.

Iwamoto, H., K. Hashimoto and S. Kiritani: A Pilot System for Synthesizing Speech Commands for Maneuvering Blocks. Reports of the 1988 Spring Meeting of the Acoust. Soc. Jpn., 145-146, 1988.

Jimbo, Y., Y. Saito, K. Itoh, M. Fujino, M. Mouri, S. Niwa. M.

- Ohno, M. Ohtsuka, S. Akatsuka, M. Yamanaka, H. Harashima, S. Kaihara and K. Arakawa: Study on Raw EEG Data Base and its Application (IV), Application of LP Synthesis and Analysis Filter. Proceedings of the 26th Conference of Jpn. Soc. ME & BE, 213, 1987.
- Kawabata, K., S. Niimi and S. Kiritani: Non-Invasive Extracting Method of the Palatal Shape for the Ultrasonic Observation. Reports of the 1988 Spring Meeting of the Acoust. Soc. Jpn., 173-174, 1988.
- Kiritani, S.: ME for the Speech and Hearing Disorders. Proceedings of the 26th Conference of Jpn. Soc. ME and BE, 127, 1987.
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- Konno, K., M. Sugishita and H. Hirose: Durational Effect on Fluency Evaluation. Abstracts of the 11th Meeting of Jpn. Neuropsych. Soc., 35, 1987.
- Konno, K., M. Sugishita and H. Hirose: Articulatory Movements in Apraxia of Speech. Proceedings of the 2nd Nagae Memorial Symposium, 7-8, 1987.
- Konno, K. and M. Sugishita: Therapy for Apraxia of Speech. Abstracts of the 11th meeting of Jpn. Aphasiol. Soc., 9, 1987.
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B.3. Contributions in Separate Publications

B.3.i. Part of a Textbook, Handbook, Anthologies etc.

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B.3.ii. Monographs

none

B.4. Translations

none