

LIST OF PUBLICATIONS IN 1986 AND 1987

1986

- Bergem, D.R. van (1986). The influence of acoustic context on the identification of vowels in pVt utterances. A study on speaker normalization. IFA-report 88, 52 pp.
- Bonder, L.J. (1986). A prediction method for modal n-vowels systems. IFA Proceedings 10, 73-90.
- Bosch, L.F.M. ten (1986). Architecture of vowels systems. IFA Proceedings 10, 55-72.
- Boxelaar, G.W. & Pols, L.C.W. (1986). PB-word intelligibility and speaker identifiability of 5 medium band coders. A pilot study. Deliverable of Esprit project no 64 "Speech interface at office workstation", 14 pp. + appendices.
- Boxelaar, G.W. (1986). PB-word intelligibility and speaker identifiability of 5 medium band coders: a pilot study. IFA Proceedings 10, 97-112.
- Dijk, J.S.C. van (1986). The complete solution of the basilar membrane condition in two dimensional models of the cochlea. In: J.B. Allen et al. (Eds.), *Peripheral Auditory Mechanisms*, Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 105-112.
- Dijk, J.S.C. van, Egmond, R. van, Engelen, V. van, Kockelmans, C., Stierman, R., Valk, B. van der & Vries, B. de (1986). On sound production in pianos. IFA-report 86, 28 pp. (in Dutch).
- Feenstra-Ikink, G.G.J. & Jansonius-Schultheiss, K. (1986). Developments in the treatment of cleft lip and palate children. *Logopedie en Foniatrie*, 58, 175-181 (in Dutch).
- Herpt, L.W.A. van (1986). Influence of rater's sex on voice and pronunciation assessment. IFA Proceedings 10, 19-40.
- Jansonius-Schultheiss, K., Stelt, J.M. van der & Koopmans-van Beinum, F.J. (1986). Relation between mouth functions and onset of babbling stage, oral aspects in feeding and early speech development in normal and cleft lip and palate infants. *Logopedie en Foniatrie*, 58, 238-241 (in Dutch).
- Jansonius-Schultheiss, K. (1986). Mouth movements and mouth behaviors: a dialogue between dentists and speech pathologists. *Nederlands Tandartsenblad*, 41, 50-54 (in Dutch).
- Jansonius-Schultheiss, K. (1986). Dysphasia in children. *Logopedie en Foniatrie*, 58, 102-107 (in Dutch).
- Klaasen-Don, L.E.O. & Pols, L.C.W. (1986). CV-transitions: A perceptual study of coarticulation. IFA report 87, 16 pp.
- Koopmans-van Beinum, F.J. (1986). The Speechtrainer. In: *VISI* 3, nr. 2, 2-6; nr. 3, 3-6 (in Dutch).

- Koopmans-van Beinum, F.J. & Saint Aulaire, R.P. de (1986). A method for the dynamic determination of vowel contrast. IFA Proceedings 10, 1-18.
- Koopmans-van Beinum, F.J. & Stelt, J.M. van der (1986). Early stages in the development of speech movements. In: B. Lindblom and R. Zetterström (Eds.), *Precursors of Early Speech*. Wenner Gren Int. Symp. Series, vol 44, Basingstoke, Hampshire, England: Macmillan Press, 37-50.
- Pols, L.C.W. (1986). Psychophysics, speech perception, and automatic speech recognition. Proceedings First Australian Conference on Speech Science and Techn., Canberra, 60-64.
- Pols, L.C.W. (1986). Variation and interaction in speech. In: J.S. Perkell and D.H. Klatt (Eds.), *Invariance and variability in speech processes*. Lawrence Erlbaum Ass., Publishers, Hillsdale, N.J. 1986, 140-154.
- Pols, L.C.W. (1986). Participation in (inter)national projects on speech technology evaluation. IFA Proceedings 10, 91-96.
- Pols, L.C.W. & Boxelaar, G.W. (1986). Comparative evaluation of the speech quality of speech coders and text-to-speech synthesizers. Proceedings IEEE-ICASSP86, Tokyo, 901-904.
- Pols, L.C.W. & Plomp, R. (1986). How to make more efficient use of the fact that the speech signal is dynamic and redundant. Proceedings IEEE-ICASSP86, Tokyo, 1963-1966.
- Reichart, A. (1986). Speech in relation to surgery in cleft palate infants. IFA-report 84, 14 pp.
- Schouten, M.E.H. & Pols, L.C.W. (1986). Identification and discrimination of single formant sweeps. PRIPU, Vol. 11, No. 2, 21-33.
- Stelt, J.M. van der (1986a). Learning to speak, learning to think. Proceedings of the Fourth Workshop of the Forum Humanum. W.A., v.d. Grind en K.J.P. van Wouwe (Eds.), 19- 22.
- Stelt, J.M. van der (1986b). Interaction processes and speech development. Abstract in *Tijdschrift van Soc. Gezondheids- zorg* (in Dutch).
- Stelt, J.M. van der & Koopmans-van Beinum, F.J. (1986). The onset of babbling related to gross motor development. In: B. Lindblom and R. Zetterström (Eds.), *Precursors of Early Speech*. Wenner Gren Int. Symp. Series, vol 44, Basingstoke, Hampshire, England: Macmillan Press, 163-173.
- Weenink, D.J.M. (1986). QQ, a program for analysis, synthesis and recognition of vowel segments. IFA-report 82, 23 pp. (in Dutch).
- Weenink, D.J.M. (1986). The identification of vowel stimuli from men, women and children. IFA Proceedings 10, 41.54.
- Weenink, D.J.M. & Wempe, A.G. (1986). Communication between an Apple IIe computer and four Commodore Vic 20's. IFA-report 83, 32 pp. (in Dutch).

- Bezooijen, R. van (1987). Evaluation of two synthesis-by-rule systems for Dutch: Segmental intelligibility, SPIN Report no. 1, 101 pp.
- Bezooijen, R. van & Pols, L.C.W. (1987). Evaluation of two synthesis- by-rule systems for Dutch, Proceedings of the European Conference on Speech Technology, Edinburgh, Vol. 1, 183-186.
- Boillon, D., Buether, H., Lefèvre, J.-P., Nebbia, L. & Pols, L.C.W. (1987). Text-to-speech synthesis in an office environment, Esprit'87 Achievements and Impact, Proc. 4th Annual ESPRIT Conf., North-Holland, Amsterdam, 1175-1187.
- Bosch, L.F.M. ten, Bonder, L.J. & Pols, L.C.W. (1987). Static and dynamic structure of vowel systems. Proceedings of the Eleventh International Congress of Phonetic Sciences, Tallinn, Vol. 1, 235-238.
- Bosch, L.F.M. ten, Bonder, L.J. & Pols, L.C.W. (1987). A model for the description of the structure of, and dynamics inside vowel systems. Eindverslag ZWO-project, 13 pp. (in Dutch).
- Damen, L.W.M. & Pols, L.C.W. (1987). The use of the gating paradigm for studying the long-short vowel opposition. Proceedings of the Eleventh International Congress of Phonetic Sciences, Tallinn, Vol. 4, 116-119.
- Drullman, R. (1987). Consonant-vowel coarticulation as a source of information for the recognition of vowels in TVT syllables. IFA report 95, 66 pp. (in Dutch).
- Dijk, J.S.C. van (1987). On resonant vowels 1. IFA report 89, 25 pp. (in Dutch).
- Herpt, L.W.A. van (1987). Perception of paralinguistic cues of age and sex in manipulated speech: an exploration. Proceedings of the Eleventh International Congress of Phonetic Sciences, Tallinn, Vol 1, 187-190.
- Horst, B. (1987). Manual for the creation of sampled data files on the VAX computer. IFA-report nr. 91, 13 pp. (in Dutch).
- Jansonius-Schultheiss, K. Copenolle, L. van & Beyaert, E. (1987). Deviant mouth-habits and speech. Introduction, research, and therapy. 4e herziene uitgave. ACCO, Leuven, 240 pp. (in Dutch).
- Koopmans-van Beinum, F.J. (1987). Cleft lip/palate. In: C.R. Reynolds & L. Mann (Eds.), Encyclopedia of Special Education. John Wiley & Sons, New York, 347-348.
- Koopmans-van Beinum, F.J. & De Saint Aulaire, R.P. (1987). Dynamic determination of acoustic vowel contrast. Proceedings of the Eleventh International Congress of Phonetic Sciences, Tallinn, Vol 2, 356-359.
- Koopmans-van Beinum, F.J. & Tielen, M.T.J. (1987). Are female voices more intelligible than male voices? J. Acoust. Soc. Am., Supp 1, Vol. 82, S85(A).
- Leeuw, I. de (1987). The IBM Speechtrainer: An inventory of applications. IFA-report nr. 92, 57 pp. (in Dutch).
- Overes, A.C.M. (1987). Anne. Verbal interaction in the first six month of a child. IFA-report no. 90, 46 pp. (in Dutch).

- Pols, L.C.W. (1987). Speech technology research in the Netherlands, Proceedings of the Conference on Speech Technology, Status of Technology and Programmes Worldwide, Aarhus, Jydsk Telefon, 7.1- 7.14.
- Pols, L.C.W. (1987). Speech technology and corpus linguistics. In: W. Meijs (Ed.), Corpus linguistics and beyond. Proceedings of the seventh international conference on English language research on computerized corpora. RODOPI, Amsterdam, 285-294.
- Pols, L.C.W. (1987). Chairman report of general discussion of session 4: Timbre. In: M.E.H. Schouten (Ed.), The Psychophysics of Speech Perception, Martinus Nijhoff Publishers, Dordrecht, 328-330.
- Pols, L.C.W. (1987). Quality evaluation of text-to-speech synthesis systems, Deliverable of ESPRIT-SAM project nr. 1541, IFA report nr. 94, 38 pp.
- Pols, L.C.W. & Schouten, M.E.H. (1987). Perception of tone, band, and formant sweeps. In: M.E.H. Schouten (Ed.), The Psychophysics of Speech Perception, Martinus Nijhoff Publishers, Dordrecht, 1987, 231-240.
- Pols, L.C.W., Lefèvre, J.-P., Boxelaar, G.W. & Son, N. van (1987). Word intelligibility of a rule synthesis system for French, Proceedings of the European Conference on Speech Technology, Edinburgh, 1987, Vol. 1, 179-182.
- Rietveld, A.C.M. & Koopmans-van Beinum, F.J. (1987). Vowel reduction and stress. Speech Communication 6, 217-229.
- Saint Aulaire, R.P. de , Koopmans-van Beinum, F.J. & Bergem, D.R. van (1987). Vowel reduction and the structure of languages: A method of processing. IFA report 85, 42 pp.
- Son, N. van & Pols, L.C.W. (1987). Evaluation of a French diphone based synthesis system, Deliverable of ESPRIT-SPIN project nr. 64 Speech interface at office workstation, IFA-report nr. 93, 66 pp. + app.
- Tielen, M.T.J. (1987). A sociophonetic research in womens' voices. In: R. Knorringa, A. Burger & J. Bossinade (Eds.) Lezingenbundel Vrouwenstudies Letteren: Uitgesproken niet uitgepraat, Amsterdam, 127-140 (in Dutch).