



## The auditory processing of speech : from sounds to words

/

Schouten, Marten Egbertus Hendrik (1946-)

Mouton de Gruyter, 1992

Monografía

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhemF0ei5yZW4vMzY0MjgwMDY>

---

**Título:** The auditory processing of speech from sounds to words edited by M.E.H. Schouten

**Edición:** Reprint 2011

**Editorial:** Berlin New York Mouton de Gruyter 1992

**Descripción física:** 1 online resource (392 p.)

**Mención de serie:** Speech research 10

**Nota general:** Description based upon print version of record

**Bibliografía:** Includes bibliographical references

**Contenido:** Frontmatter -- Preface -- Table of Contents -- Editor's Introduction -- Chapter 1 The Auditory System in Relation to Speech Perception -- Cochlear Modelling and Physiology Duifhuis, H. -- Coding of Fundamental Frequency in Auditory Nerve Fibers: Effects of Signal Level and Phase Spectrum. Horst, J. Wiebe / Javel, Eric / Farley, Glenn R. -- Coding of the Pitch of Harmonic and Inharmonic Complex Tones in the Interspike Intervals of Auditory-Nerve Fibers. Delgutte, Bertrand / Cariani, Peter. -- Processing of the Auditory-Nerve Code for Speech by Populations of Cells in the Anteroventral Cochlear Nucleus Sachs, Murray B. / Blackburn, Carol C. / Banks, M. I. / Wang, Xiaoqin. -- Nonlinearities in the Peripheral Encoding of Spectral Notches Oomens, P.A.J. / Breed, A.J. / Boer, E. de / Schouten, M.E.H. -- Auditory Models as Preprocessors for Speech Recognition Patterson, Roy D. / Holdsworth, John / Allerhand, Michael. -- Temporal Resolution and Modulation Analysis in Models of the Auditory System Kohlrausch, Armin / Püschel, Dirk / Alpehi, Henning. -- Preadaptations in the Auditory System of Mammals for Phoneme Perception Ehret, Günter. -- Chapter 2 Separation of Simultaneous Signals -- Segregation of the Responses to Paired Vowels in the Auditory Nerve of the Guinea-Pig Using Autocorrelation Palmer, A.R. -- Modelling Sound Source Separation Cooke, Martin. -- Listening to two Things at Once Darwin, C.J. -- Detecting F0 Differences and Pitch-Pulse Asynchronies Carlyon, Robert P. -- Roles of Harmonicity and Coherent Frequency Modulation in Auditory Grouping. Summerfield, Quentin. -- Comodulation Masking Release and Modulation Discrimination Interference Moore, Brian C.J. -- Across-band Processing of Dynamically Varying Stimuli Fantini,

Deborah A. / Moore, Brian C.J. -- Effectiveness of Comodulation Masking Release Brink, Willem A.C. van den / Houtgast, Tammo / Smoorenburg, Guido F. -- The Masking of Modulations in Relation to Speech Perception Festen, Joost (SO(B. -- Chapter 3 Perception of Spectral Change and Timbre -- What Do We Know about Perception of Dynamic and Complex Signals, and how Relevant Is It to Speech Perception? Houtsma, A.J.M. -- On the Perception of Spectral Changes in Noise Bands Versfeld, Niek J. -- Young Infants' Discrimination of Confusable Speech Signals Lacerda, Francisco. -- Auditory Analysis of Speech Gestures Schwartz, Jean-Luc / Beauteemps, Denis / Arrouas, Yonnel / Escudier, Pierre. -- Perceiving Acoustic Components of Speech Espinoza-Varas, Bias. -- Chapter 4 Loss of Spectral and Temporal Resolution -- Speech Recognition Using Only Temporal Cues Shannon, Robert V. / Zeng, Fan-Gang / Wygonski, John. -- Auditory Pattern Perception in the Profoundly Hearing Impaired Son, Nic van / Bosman, Arjan / Lamoré, Pieter J.J. / Smoorenburg, Guido F. -- Effect of Spectral Envelope Smearing on Phoneme Identification Keurs, Mariken ter / Festen, Joost (SO(B. / Plomp, Reinier. -- Chapter 5 Phoneme Perception -- Effects of Token Variability on Vowel Identification Uchanski, Rosalie M. / Millier, Kathleen M. / Reed, Charlotte M. / Braidá, Louis D. -- Evaluation of Prototypes and Exemplars in Perceptual Space for Place Contrast Li, Xiaofeng / Pastore, Richard E. -- Different Discrimination Strategies for Vowels and Consonants Schouten, Bert / Hessen, Arjan van. -- Auditory Metrics for Speech Perception Sawusch, James R. -- Chapter 6 Word Perception and Beyond -- The Interface Between Acoustic-Phonetic and Lexical Processing Frauenfelder, Uli (SJ(B. -- Listening to Speech Through an Adaptive Window of Analysis Nusbaum, Howard C. / Henly, Anne S. -- Integration of Acoustic-Phonetic Cues in Word Segmentation Quené, Hugo. -- Relations between Phoneme Scores and Syllable Scores for Normal-Hearing and Hearing-Impaired Subjects Bosman, Arjan / Smoorenburg, Guido F. / Bronkhorst, Adelbert W. -- From Speech to Language: On Auditory Information Processing Terhardt, E. -- Backmatter

**Formato físico adicional:** Issued also in print

**Lengua:** English

**ISBN:** 3-11-087901-8

**Materia:** Speech perception Hearing

**Autores:** Schouten, Marten Egbertus Hendrik ( 1946-)

**Enlace a formato físico adicional:** 3-11-013589-2

**Punto acceso adicional serie-Título:** Speech Research

---

## Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- [informa@baratz.es](mailto:informa@baratz.es)