

A must for every psycholinguistic's bookshelf

W. E. Cooper, J. M. Sorensen

Fundamental Frequency in Sentence Production

1981. 85 figures. X, 213 pages
Cloth DM 48,-; approx. US \$ 21.90
ISBN 3-540-90510-3

Drawing from linguistics, acoustics and psychology, **Fundamental Frequency in Sentence Production** presents the author's origin research on speech production. Cooper and Sorensen develop a new, interdisciplinary approach to the study of fundamental voice frequency (Fo), an important property of the speech wave. Major attributes of FO patterns, including declination and fall-rise contours, are examined in depth. Data from a series of experiments provide key insights into a variety of psychological factors that influence Fo, among them speaker's structural representation and processing of linguistic information. The authors also discuss the significant implications of their experimental techniques and results for future research into topics ranging from language development to speech recognition by machine.

A. C. Graesser

Prose Comprehension Beyond the Word

1981. 27 figures. X, 310 pages
Cloth DM 56,-; approx. US \$ 25.50
ISBN 3-540-90544-8

This volume reflects a major advance in the study of discourse processing. It offers new experimental methods for exploring cognitive mechanisms and representations, and will enable those in the field to gain a greater understanding of how prose is understood, remembered and cognitively represented. A schema-based framework for studying prose comprehension and knowledge representation is provided by first reporting a large body of cognitive research, then relating the results to artificial intelligence, linguistics and philosophy, and by systematically analyzing complex word protocols and demonstrating how the cognitive sciences can and should be effectively integrated with research and theory in experimental psychology.

H. Hörmann

To Mean – To Understand

Problems of Psychological Semantics
Translated from the German by B. A. Jankowski
1981. 5 figures. X, 337 pages
Cloth DM 88,-; approx. US \$ 40.00
ISBN 3-540-10448-8

After 20 years of steadily increasing activity in both linguistics and psycholinguistics, doubts have begun to arise as to whether today's positions coincide with research's original goals. There is a widening gulf between linguistic and psycholinguistic theories on what might be called the realities of language. At the base of this gulf lies the failure on both sides to consider the two acts fundamental to all use of language: the act of meaning and the act of understanding. Interpretations of what is involved in these processes have yielded either conceptual frameworks which cannot do justice to the phenomena or disparate statements which ignore evidence contributed from other quarters. The author of this book does not propose any single system or model of meaning or of understanding, let alone of speech or of language. The idea of the book is to go back and forth between linguistics, psycholinguistics and language philosophy. In so doing, the author brings to the reader's attention what is worth considering in an inquiry into the act of meaning and of understanding, what should be discarded as misleading, and what might be accepted *faute de mieux*. He calls into question what in most other books is taken for granted by pointing out the preconditions and the consequences of the various theoretical approaches. This thorough discussion of the basic problems of psychological semantics and the psychological, philosophical and linguistic presuppositions and consequences of theorizing in the field will be of profound interest to students and researchers in psychology and linguistics, as well as in philosophy and communications science.

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Applied Language Studies

The series is concerned with the insights offered by general and applied linguistics in such areas as speech pathology, foreign language teaching and stylistics, and at the same time aims to develop a broader frame of reference for applied language studies by drawing on the approaches of such disciplines as psychology, sociology and educational studies.

Directions in Applied Linguistics

David Crystal

August 1981, x + 180pp., £10.40 (UK only) / \$25.00, 0.12.198420.6

This book argues for a broad conception of applied linguistics and illustrates this with the author's own research in several specific areas. Chapters on language study in clinical, stylistic, translation, foreign language teaching and educational contexts are included.

The Nature of Phonological Disability in Children

Pamela Grunwell

July 1981, x + 244pp., £12.80 (UK only) / \$31.00, 0.12.305250.5

The main aim of the book is to define the ways in which the speech patterns of children with "functional articulation disorders" are deviant from normal patterns of pronunciation. It is shown that such disorders are actually based in the phonological organization of speech production patterns, and that it is only in a linguistic framework that these patterns can be shown to be deviant. The speech patterns of seven children are described in detail using three different frameworks of linguistic analysis.

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Ingram, D. *Phonological disability in children*. New York: Elsevier, 1976.

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