

BOOKS RECEIVED

Books listed below that are marked with a † will be reviewed in a future issue. Readers who wish to review books for the journal should write, outlining their qualifications, to: Graeme Hirst, book review editor, Department of Computer Science, University of Toronto, Toronto, Canada M5S 1A4. Obviously, we cannot promise the availability of books in anyone's exact area of interest.

Authors and publishers who wish their books to be considered for review in *Computational Linguistics* should send a copy to the book review editor at the address above. All books received will be listed, but not all can be reviewed.

Non-Well-Founded Sets (CSLI Lecture Notes Number 14) by Peter Aczel

(University of Manchester, England)
Center for the Study of Language and Information, Stanford University, Stanford, CA, 1988, xx+131 pp.
(Distributed by the University of Chicago Press)
ISBN 0-937073-21-0, \$34.95 (hb); ISBN 0-937073-22-9, \$15.95 (sb)

Agreement in Natural Language: Approaches, Theories, Descriptions edited by Michael Barlow and Charles Albert Ferguson

Center for the Study of Language and Information, Stanford University, Stanford, CA, 1988, xiv+355 pp.
(Distributed by the University of Chicago Press)
ISBN 0-937073-02-4, \$35.00 (hb)

From First Words to Grammar: Individual Differences and Dissociable Mechanisms by Elizabeth Bates, Inge Bretherton, and Lynn Snyder

(University of California, San Diego; Colorado State University, Fort Collins, CO; Denver University, Denver, CO)
Cambridge University Press, 1988, xii+326 pp.
ISBN 0-521-34142-6, \$34.50 (hb)

Computer Models of Mind: Computational Approaches in Theoretical Psychology (Problems in the Behavioural Sciences 5) by Margaret A. Boden

(University of Sussex, England)
Cambridge University Press, Cambridge, England, 1988, xi+289 pp.
ISBN 0-521-24868-X, \$42.50 (hb); ISBN 0-521-27033-2, \$15.95 (sb)

Fondamenti di Informatica Linguistica by Roberto Busa

Vita e Pensiero, Milan, Italy, 1987, 412 pp.
ISBN 88-343-6904-1, L.50,000 (sb)

Starting Lisp for AI (Artificial Intelligence Texts) by Peter Coxhead

(University of Aston)
Blackwell Scientific Publications, Oxford, England, 1987, vii+168 pp.
ISBN 0-632-01697-3, \$56.25 (hb); ISBN 0-632-01544-6, \$21.95 (sb)

† **Natural Language Understanding and Logic Programming, II: Proceedings of the Second International Workshop** edited by Veronica Dahl and Patrick Saint-Dizier

(Simon Fraser University and IRISA, University of Rennes 1)
North-Holland, Amsterdam, 1988, viii+345 pp.
ISBN 0-444-70408-6, \$84.25 (hb)

† **Integrated Natural Language Dialogue: A Computational Model** by Robert E. Frederking.

(Siemens, A.G.)
(The Kluwer international series in engineering and computer science; natural language processing and machine translation)

Boston: Kluwer Academic Publishers, 1988, xvii+178 pp.
ISBN 0-89838-255-6, \$39.95 (hb)

Computer-Supported Cooperative Work: A Book of Readings edited by Irene Greif

(Lotus Development Corporation)
Morgan Kaufmann Publishers, San Mateo, CA, 1988, viii+783 pp.
ISBN 0-934613-57-5, \$36.95 (hb)

† **Aspects of Speech Technology** edited by Mervyn A. Jack and John Laver

(Centre for Speech Technology Research, University of Edinburgh)
(Edinburgh Information Technology Series 4) Edinburgh University Press, 1988, viii+291 pp.
[Distributed in the U.S. by Columbia University Press]
ISBN 0-85224-568-8, \$55.00 (hb)

† **Machine Translation Today: The State of the Art (Proceedings of the Third Lugano Tutorial, April 1984) (Edinburgh Information Technology Series 2)** edited by Margaret King

(Institute for Semantic and Cognitive Studies, University of Geneva, Switzerland)
Edinburgh University Press, Edinburgh, Scotland, 1987, xii+447 pp.
ISBN 0-85224-519-X, £45.00 (hb)

The Signs of Language by Edward Klima and Ursula Bellugi.
(University of California, San Diego and The Salk Institute for Biological Studies)

Cambridge, MA: Harvard University Press, 1979 [reissued in paperback, 1988], xii+417 pp.
ISBN 0-674-80795-2, \$30.00, (hb); ISBN 0-642-80796-0, \$12.95 (sb)

Introduction to Higher Order Categorical Logic (Cambridge Studies in Advanced Mathematics 7) by J. Lambek and P. J. Scott

(McGill University and University of Ottawa)
Cambridge University Press, Cambridge, England 1986, ix+293 pp.
ISBN 0-521-24665-2 (hb); with corrections, 1988—ISBN 0-521-35653-9, \$24.95 (sb)

Programming in POP-11 (Artificial Intelligence Texts) by Jonathan Lavelthol

(GLH Limited, Brighton, England)
Blackwell Scientific Publications, Oxford, England, 1988, xiv+221 pp.
ISBN 0-632-01736-8, \$56.25 (hb); ISBN 0-632-01528-4, \$33.50 (sb)

The Politics of Linguistics by Frederick J. Newmeyer

(University of Washington, Seattle, WA)
University of Chicago Press, Chicago, IL, 1986, vii+171 pp.
ISBN 0-226-57720-1 (hb), ISBN 0-226-57722-8, \$9.95 (sb)

† **Computers and Languages: Theory and Practice** by Anton Nijholt

(Free University, Brussels)
(Studies in computer science and artificial intelligence 4)
Amsterdam: North-Holland, 1988, xiii+482 pp.
ISBN 0-444-70463-9, \$89.50 (hb) / Dfl 170. (hb)

† **Natural Language Processing (Artificial Intelligence Texts)** by Hugh M. Noble

(Robert Gordon's Institute of Technology, Aberdeen, Scotland)
Blackwell Scientific Publications, Oxford, England, 1988, xii+240 pp.
ISBN 0-632-01502-0, \$33.50 (sb)

- † **Text Coherence in Translation** by Bart Papegaaij and Klaus Schubert
(BSO/Research, Utrecht, Netherlands)
(Distributed language translation 3)
Dordrecht: Foris Publications, 1988, 211 pp.
ISBN 90-6765-360-8, Dfl 110. (hb); ISBN 90-6765-361-6, Dfl 52. (sb)
- † **Systemic Text Generation as Problem Solving (Studies in Natural Language Processing)** by Terry Patten
(Department of Computer and Information Science, The Ohio State University)
Cambridge University Press, Cambridge, England, 1988, xii+214 pp.
ISBN 0-521-35076-X, \$34.50 (hb) (20% discount to ACL members)
- Object-Oriented Forth: Implementation of Data Structures** by Dick Pountain
Academic Press, London, England, 1987, vii+119 pp.
ISBN 0-12-563570-2 (sb)
- † **Machine Translation Systems (Studies in Natural Language Processing)** edited by Jonathan Slocum
Cambridge University Press, Cambridge, England, 1988, ix+341 pp.
ISBN 0-521-35166-9, \$49.50 (hb); ISBN 0-521-35963-5, \$16.95 (sb)
- Lexical Ambiguity Resolution: Perspectives from Psycholinguistics, Neuropsychology, and Artificial Intelligence** edited by Steven L. Small; Garrison W. Cottrell; and Michael K. Tanenhaus
(University of Rochester; University of California, San Diego; University of Rochester)
San Mateo, CA: Morgan Kaufmann Publishers, 1988, ix+518 pp.
ISBN 0-934613-50-8, \$34.95 (hb)
- † **The Case for Lexicase: An Outline of Lexicase Grammatical Theory (Open Linguistics Series)** by Stanley Starosta
(University of Hawaii, Honolulu, HA)
Pinter Publishers, London, England, 1988, xii+273 pp.
ISBN 0-86187-639-3, £29.50 (hb)
- † **From Syntax to Semantics: Insights from Machine Translation** edited by Erich Steiner; Paul Schmidt; and Cornelia Zelinsky-Wibbelt
(Institut für Angewandte Informationsforschung, Saarbrücken)
(Communication in artificial intelligence series)
London: Pinter Publishers, 1988, vii+262 pp.
ISBN 0-86187-960-0, £ 29.50 (hb)
- A Manual of Intensional Logic (2nd ed.)** by Johan van Benthem
(University of Amsterdam)
(CSLI lecture notes 1)
Center for the Study of Language and Information, Stanford University, 1988, ix+130 pp.
[Distributed by the University of Chicago Press]
ISBN 0-937073-30-X, \$29.95 (hb); ISBN 0-937073-29-6, \$12.95 (sb)
- Context and Presupposition** by Rob A. van der Sandt
(University of Nijmegen)
(Croom Helm linguistics series)
London: Croom Helm, 1988, xvii+249 pp.
ISBN 0-7099-2625-1 (hb)
- Vygotsky and the Social Formation of Mind** by James V. Wertsch
(Clark University)
Cambridge, MA: Harvard University Press, 1985 [reissued in paperback, 1988], xviii+262 pp.
ISBN 0-674-94350-3, \$25.00 (hb); ISBN 0-642-94351-1, \$12.95 (sb)
- † **Linguistic Theory and Computer Applications** edited by Pete Whitelock, Mary McGee Wood, Harold L. Somers, Rod Johnson, and Paul Bennett
(Centre for Computational Linguistics, UMIST)
Academic Press, London, England, 1987, x+329 pp.
ISBN 0-12-747220-7 (sb)
- † **Advances in Natural Language Generation: An Interdisciplinary Perspective** edited by Michael Zock and Gérard Sabah.
(LIMSI, Orsay)
(Communication in artificial intelligence series)
London: Pinter Publishers, 1988, Two volumes: xix+200 pp. and xviii+176 pp.
ISBN 0-86187-965-1 and -995-5, £27.50 (each vol.) (hb)