

Books Received

Books listed below that are marked with a † have been selected for review in a future issue, and reviewers have been assigned to each.

Authors and publishers who wish their books to be considered for review in *Computational Linguistics* should send a copy to the book review editor, Graeme Hirst, Department of Computer Science, University of Toronto, Toronto, Canada M5S 1A4. All books received will be listed, but not all can be reviewed.

Readers who wish to review books for the journal should write, outlining their qualifications. Write to the book review editor at the address above or send electronic mail to gh@cs.toronto.edu. Obviously, we cannot promise the availability of books in anyone's exact area of interest.

Propositional Attitudes: The Role of Content in Logic, Language, and Mind

C. Anthony Anderson and Joseph Owens (editors)

(University of Minnesota)

Stanford: Center for the Study of Language and Information, 1990,

xvi + 342 pp.

(CSLI Lecture Notes 20)

(Distributed by The University of Chicago Press)

Hardbound, ISBN 0-937073-51-2, \$37.50;

paperbound, ISBN 0-937073-50-4, \$16.95

John von Neumann and the Origins of Modern Computing

William Aspray

(Center for the History of Electrical Engineering, IEEE)

Cambridge, MA: The MIT Press, 1990,

xvii + 376 pp.

(History of Computing Series)

Hardbound, ISBN 0-262-01121-2, \$35.00

Representing and Reasoning with Probabilistic Knowledge

Fahiem Bacchus

(University of Waterloo)

Cambridge, MA: The MIT Press, 1990,

xvii + 233 pp.

(Artificial Intelligence Series)

Hardbound, ISBN 0-262-02317-2, \$24.95

Forensic Phonetics

John Baldwin and Peter French

(University College London)

London: Pinter Publishers, 1990,

vii + 141 pp.

(Distributed in North America by Columbia University Press)

Hardbound, ISBN 0-86187-786-1, \$47.50

The Language of First-Order Logic, Including the Program Tarski's World

Jon Barwise and John Etchemendy

(Indiana University and Stanford University)

Stanford: Center for the Study of Language and Information, 1990,

xiii + 257 pp. with Macintosh diskette of Tarski's World 3.0

(CSLI Lecture Notes 23)

(Distributed by The University of Chicago Press)

Paperbound, ISBN 0-937073-59-8, \$27.50

†Computer Assisted Language Learning: Program Structure and Principles

Keith Cameron (editor)

(University of Exeter)

Norwood, NJ: Ablex Publishing and Oxford: Intellect Ltd, 1989,

x + 115 pp.

(Distributed outside North America by Blackwell Scientific Publications)

Hardbound, ISBN 0-89391-560-2 and 1-871516-01-3, \$22.50

†Plan Recognition in Natural Language

Sandra Carberry

(University of Delaware)

Cambridge, MA: The MIT Press, 1990,

xi + 286 pp.

(The ACL-MIT Press Series in Natural Language Processing)

Hardbound, ISBN 0-262-03167-1, \$35.00

How to Write Parallel Programs: A First Course

Nicholas Carriero and David Gelernter

(Yale University)

Cambridge, MA: The MIT Press, 1990,

xv + 232 pp.

Hardbound, ISBN 0-262-03171-X, \$29.95

The Sound Pattern of English

Noam Chomsky and Morris Halle

(MIT)

Cambridge, MA: The MIT Press, 1991,

xiv + 470 pp.

(Originally published in 1968 by Harper & Row)

Paperbound, ISBN 0-262-53097-X, \$16.95

Artificial Experts: Social Knowledge and Intelligent Machines

H.M. Collins

(University of Bath)

Cambridge, MA: The MIT Press, 1990,

xiii + 266 pp.

(Inside Technology Series)

Hardbound, ISBN 0-262-03168-X, \$19.95

Being-in-the-World: A Commentary on Heidegger's *Being and Time*, Division I
 Hubert L. Dreyfus
 (University of California, Berkeley)
 Cambridge, MA: The MIT Press, 1991, xiv + 370 pp.
 Hardbound, ISBN 0-262-04106-5, \$30.00;
 paperbound, ISBN 0-262-54056-8, \$15.95

Oral Cultures Past and Present: Rappin' and Homer
 Viv Edwards and Thomas J. Sienkewicz
 (University of London and Monmouth College)
 Oxford: Basil Blackwell, 1990, xii + 244 pp
 (The Language Library)
 Hardbound, ISBN 0-631-16569-X, \$37.95

Argument Structure
 Jane Grimshaw
 (Brandeis University)
 Cambridge, MA: The MIT Press, 1990,
 x + 202 pp.
 (Linguistic Inquiry Monograph 18)
 Hardbound, ISBN 0-262-07125-8, \$25.00

†**Linguistic Exploitation of Syntactic Databases: The Use of the Nijmegen Linguistic DataBase Program**
 Hans van Halteren and Theo van den Heuvel
 (University of Nijmegen)
 Amsterdam: Editions Rodopi, 1990,
 ix + 207 pp.
 (Language and Computers: Studies in Practical Linguistics 5)
 Paperbound, ISBN 90-6203-809-3, \$33.50, Dfl 65.00 [An MS-DOS demonstration diskette for the examples and exercises in the book is available free of charge from the authors.]

†**Literature and Cognition**
 Jerry R. Hobbs
 (SRI International)
 Stanford: Center for the Study of Language and Information, 1990,
 vii + 180 pp.
 (CSLI Lecture Notes 21)
 (Distributed by The University of Chicago Press)
 Hardbound, ISBN 0-937073-53-9, \$35.00;
 paperbound, ISBN 0-937073-52-0, \$14.95

†**English Word Grammar**
 Richard Hudson
 (University College London)
 Oxford: Basil Blackwell, 1990,
 ix + 445 pp.
 Hardbound, ISBN 0-631-16433-2, \$59.95

The Phonology-Syntax Connection
 Sharon Inkelas and Draga Zec (editors)
 (University of Maryland and Yale University)
 Chicago: The University of Chicago Press and Center for the Study of Language and Information, Stanford University, 1990,
 xvi + 428 pp.
 Hardbound, ISBN 0-226-38100-5, \$65.00;
 paperbound, ISBN 0-226-38101-3, \$29.95

†**Semantic Structures**
 Ray Jackendoff
 (Brandeis University)
 Cambridge, MA: The MIT Press, 1990,
 xiv + 322 pp.
 (Current Studies in Linguistics 18)
 Hardbound, ISBN 0-262-10043-6, \$34.95

The Metaphysics of Meaning
 Jerrold J. Katz
 (City University of New York)
 Cambridge, MA: The MIT Press, 1990,
 xii + 356 pp.
 (Representation and Mind Series)
 Hardbound, ISBN 0-262-11151-9, \$29.95

Uses of Randomness in Algorithms and Protocols
 Joe Kilian
 (MIT and Harvard University)
 Cambridge, MA: The MIT Press, 1990,
 xxiii + 235 pp.
 (ACM Distinguished Dissertations)
 Hardbound, ISBN 0-262-11153-5, \$39.95

Programming for Artificial Intelligence: Methods, Tools and Applications
 Wolfgang Kreutzer and Bruce McKenzie
 (University of Canterbury)
 Sydney: Addison-Wesley, 1991,
 xiv + 682 pp.
 (International Computer Science Series)
 Hardbound, ISBN 0-201-41621-2, no price listed

†**Computer Processing of Natural Language**
 Gilbert K. Krulec
 (Northwestern University)
 Englewood Cliffs, NJ: Prentice Hall, 1991,
 vii + 456 pp.
 Hardbound, ISBN 0-13-610288-3, no price listed

Uniquely Human: The Evolution of Thought, Speech, and Selfless Behavior
 Philip Lieberman
 (Brown University)
 Cambridge, MA: Harvard University Press, 1991,

ix + 210 pp.
Hardbound, ISBN 0-674-92182-8, \$27.95

Artificial Intelligence: Concepts and Applications in Engineering
A.R. Mirzai (editor)
(Polytechnic of Central London)
London: Chapman & Hall and Cambridge, MA: The MIT Press, 1990,
xx + 304 pp.
(MIT Press Artificial Intelligence Series)
Hardbound, ISBN 0-262-13256-7, \$39.95

Experiments in the Machine Perception of Motion
David W. Murray and Bernard F. Buxton
(University of Oxford and General Electric Hirst Research Centre)
Cambridge, MA: The MIT Press, 1990,
xix + 236 pp.
Hardbound, ISBN 0-262-13263-X, \$37.50

The Linguistics of Punctuation
Geoffrey Nunberg
(Xerox Palo Alto Research Center)
Stanford: Center for the Study of Language and Information, 1990, ix + 141 pp.
(CSLI Lecture Notes 18)
(Distributed by the University of Chicago Press)
Hardbound, ISBN 0-937073-47-4, \$35.00;
paperbound, ISBN 0-937073-46-6, \$14.95

†**Computers and Human Language**
George W. Smith
(University of Massachusetts, Boston)
New York: Oxford University Press, 1991,
xiv + 478 pp.
Hardbound, ISBN 0-19-506281-7, no price listed; paperbound, ISBN 0-19-506282-5, \$16.95

The Practice of Prolog
Leon Sterling (editor)
(Case Western Reserve University)
Cambridge, MA: The MIT Press, 1990,
xxviii + 312 pp.
(Logic Programming Series)
Hardbound, ISBN 0-262-19301-9, \$37.50

Computer Systems that Learn: Classification and Prediction Methods from Statistics, Neural Nets, Machine Learning, and Expert Systems
Sholom M. Weiss and Casimir A. Kulikowski
(Rutgers University)
San Mateo, CA: Morgan Kaufmann, 1991,
xii + 223 pp.
Hardbound, ISBN 1-55860-065-5,
\$39.95

†**Computers and Writing: Models and Tools**
Noel Williams and Patrik Holt (editors)
(Sheffield City Polytechnic and Heriot Watt University)
Norwood, NJ: Ablex Publishing and Oxford: Intellect Ltd, 1989, xi + 166 pp.
(Distributed outside North America by Blackwell Scientific Publications)
Hardbound, ISBN 0-89391-636-6 and 1-871516-03-X, \$29.50

Laura: A Case for the Modularity of Language
Jeni E. Yamada
Cambridge, MA: The MIT Press, 1990,
xv + 169 pp.
(Issues in the biology of language and cognition)
Hardbound, ISBN 0-262-24030-0, \$27.50