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, 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.

Logic Programming: Proceedings of the Joint International Conference and Symposium on Logic Programming
Krzysztof Apt, editor
(CWI)
Cambridge, MA: The MIT Press (Logic Programming Series, edited by Ehud Shapiro), 1992, xx + 848 pp.
Paperbound, ISBN 0-262-51064-2, $75.00

†Grammaires d'unification à traits et contrôle des infinitives en français
[Unification Grammars with Features and Control of Infinitives in French]
Karine Baschung
(Université Paris X–Nanterre)
Paris: èditions Adosa (Langues naturelles et traitement de l'information 2, edited by Gabriel G. Bès), 1991, 401 pp.
Paperbound, ISBN 2-86639-007-5, FF 360

Active Vision
Andrew Blake and Alan Yuille, editors
(University of Oxford and Harvard University)
Cambridge, MA: The MIT Press (Artificial Intelligence Series, edited by J. Michael Brady, Daniel Bobrow, and Randall Davis), 1992, xviii + 368 pp.
Hardbound, ISBN 0-262-02351-2, $50.00

Artificial Experts: Social Knowledge and Intelligent Machines
H. M. Collins
(University of Bath)
Cambridge, MA: The MIT Press (Inside Technology Series, edited by Wiebe E. Bijker, W. Bernard Carlson, and Trevor Pinch), 1990, reissued in paperback 1993, xiii + 266 pp.
Paperbound, ISBN 0-262-53115-1, $14.95

†Generating Referring Expressions
Robert Dale
(University of Edinburgh)
Cambridge, MA: The MIT Press (The ACL–MIT Press Series in Natural Language Processing, edited by Aravind Joshi, Karen Sparck Jones, and Mark Y. Liberman), 1992, ix + 277 pp.
Hardbound, ISBN 0-262-04128-6, $39.95

Investigating Explanation-Based Learning
Gerald DeJong, editor
(University of Illinois)
Boston: Kluwer Academic Publishers (The Kluwer International Series in Engineering and Computer Science; Knowledge Representation, Learning, and Expert Systems, edited by Tom Mitchell), 1993, ix + 438 pp.
Hardbound, ISBN 0-7923-9125-X, $117.50, £69.95, Dfl 230.00

Indefinites
Molly Diesing
(University of Arizona)
Cambridge, MA: The MIT Press (Linguistic Inquiry Monographs 20, edited by Samuel Jay Keyser), 1992, xiv + 175 pp.
Paperbound, ISBN 0-262-54066-5, $17.95

†Functional Grammar in Prolog: An Integrated Implementation for English, French, and Dutch
Simon C. Dik
(University of Amsterdam)
Berlin: Mouton de Gruyter (Natural Language Processing 2), 1992, x + 264 pp.
Hardbound, ISBN 3-11-012979-5, DM 118

†Word Manager: A System for Morphological Dictionaries
Marc Domenig and Pius ten Hacken
(Universität Basel)
Hildesheim, Germany: Georg Olms Verlag (Informatik und Sprache 1), 1992, ix + 211 pp.
Paperbound, ISBN 3-487-09677-3, no price listed

Origins of the Modern Mind: Three Stages in the Evolution of Culture and Cognition
Merlin Donald
(Queen's University)
Cambridge, MA: Harvard University Press, 1991, reissued in paperback 1993, viii + 413 pp.
Paperbound, ISBN 0-674-64484-0, $14.95

Recent Advances in Qualitative Physics
Boi Faltings and Peter Struss, editors
(Swiss Federal Institute of Technology and
Siemens Corporate Research and
Development)
Cambridge, MA: The MIT Press (Artificial
Intelligence Series, edited by J. Michael
Brady, Daniel Bobrow, and Randall Davis),
xii + 449 pp.
Hardbound, ISBN 0-262-06142-2, $39.95

**Creative Cognition: Theory, Research, and
Applications**
Ronald A. Finke, Thomas B. Ward, and
Steven M. Smith
(Texas A&M University)
Cambridge, MA: The MIT Press, 1992, vii +
239 pp.
Hardbound, ISBN 0-262-06150-3, $24.95

Consciousness Reconsidered
Owen Flanagan
(Wellesley College)
Cambridge, MA: The MIT Press, 1992, xiv +
234 pp.
Hardbound, ISBN 0-262-06148-1, $24.95

**Thinking Things through: An Introduction
to Philosophical Issues and Achievements**
Clark Glymour
Cambridge, MA: The MIT Press, 1992, xi +
382 pp.
Hardbound, ISBN 0-262-07141-X, $35.00

**Semantics of Programming Languages:
Structures and Techniques**
Carl A. Gunter
(University of Pennsylvania)
Cambridge, MA: The MIT Press
(Foundations of Computing Series, edited
by Michael Garey and Albert Meyer), 1992,
xviii + 419 pp.
Hardbound, ISBN 0-262-07143-6, $37.50

†Computers and Writing: State of the Art
Patrik O'Brian Holt and Noel Williams,
editors
(Heriot-Watt University and Sheffield City
Polytechnic)
Oxford: Intellect Book (Great Britain only)
and Dordrecht: Kluwer Academic
Publishers (outside Great Britain), 1992, xi
+ 387 pp.
Hardbound, ISBN 1-871516-20-X (Intellect)
and 0-7923-1858-7 (Kluwer), $114.00, £67.00,
Dfl 195.00

**†Natural Language Processing: The PLNLP
Approach**
Karen Jensen, George E. Heidorn, and
Stephen D. Richardson, editors
(Microsoft Corporation)
Boston: Kluwer Academic Publishers (The
Kluwer International Series in Engineering
and Computer Science; Natural Language
Processing and Machine Translation, edited
by Jaime Carbonell), 1992, xv + 324 pp.
Hardbound, ISBN 0-7923-9279-5, $80.00

**Beyond Modularity: A Developmental
Perspective on Cognitive Science**
Annette Karmiloff-Smith
(University College London)
Cambridge, MA: The MIT Press (Learning,
Development and Conceptual Change
Series, edited by Lila Gleitman, Susan
Carey, Elissa Newport, and Elizabeth
Spelke), 1992, xv + 234 pp.
Hardbound, ISBN 0-262-11169-1, $34.95

**The Meaning of Nouns: Semantic Theory
in Classical and Medieval India**
Kauṇḍabhaṭṭa (Fl. 17th C.)
[Nāmārtha-nirṇaya, translated and annotated
by Madhav M. Deshpande, University of
Michigan]
Dordrecht: Kluwer Academic Publishers
(Studies of Classical India, edited by Bimal
K. Matilal, Volume 13), 1992, x + 296 pp.
Hardbound, ISBN 0-7923-1847-1, $169.00,
£99.00, Dfl 290.00

**Genetic Programming: On the
Programming of Computers by Means of
Natural Selection**
John R. Koza
(Stanford University)
Cambridge, MA: The MIT Press (Complex
Adaptive Systems Series, edited by John
H. Holland, Christopher Langton, and
Stewart W. Wilson), 1992, xiv + 819 pp.
Hardbound, ISBN 0-262-11170-5, $55.00
With accompanying video "Genetic
Programming: The Movie" by John R. Koza
and James P. Rice; 60 minutes, VHS format;
NTSC, ISBN 0-262-61084-1, $34.95; PAL and
SECAM, ISBNs not available, $44.95.

**†Towards High-Precision Machine
Translation: Based on Contrastive
Textology**
John Laffling
Berlin: Foris Publications (Distributed
Language Translation Series, edited by Toon
Witkam), 1991, xiii + 178 pp.
Hardbound, ISBN 3-11-013388-1, DM 98

Control and Grammar
Richard K. Larson, Sabine Iatridou, Utpal
Lahiri, and James Higginbotham, editors
(State University of New York at Stony
Brook, University of Pennsylvania,
Massachusetts Institute of Technology)
Dordrecht: Kluwer Academic Publishers
(Studies in Linguistics and Philosophy,
edited by Gennaro Chierchia, Pauline
Jacobson, and Francis J. Pelletier,
Volume 48), 1992, xix + 333 pp.
Hardbound, ISBN 0-7923-1692-4, $116.00,
£68.00, Dfl 200.00

Psychological Perspectives on Deafness
Marc Marschark and M. Diane Clark,
editors
(University of North Carolina at Greensboro
and Shippensburg University)
Hillsdale, NJ: Lawrence Erlbaum Associates,
1993, xiv + 393 pp.
Hardbound, ISBN 0-8058-1054-4, $79.95

**†Expressibility and the Problem of
Efficient Text Planning**
Marie Meteer
(Rensselaer Polytechnic Institute)
London: Pinter Publishers Ltd
(Communication in Artificial Intelligence
Series, edited by Robin P. Fawcett and Erich
Steiner), 1992, (distributed in North America
by St. Martin's Press), xiii + 188 pp.
Hardbound, ISBN 1-85567-022-4, £37.00

Action Semantics
Peter D. Mosses
(Aarhus University)
Cambridge, England: Cambridge University
Press (Cambridge Tracts in Theoretical
Computer Science 26, edited by C. J. van
Rijsbergen), 1992, xx + 372 pp.
Hardbound, ISBN 0-521-40347-2, $49.95

Geometric Invariance in Computer Vision
Joseph L. Mundy and Andrew Zisserman,
editors
(General Electric and Oxford University)
Cambridge, MA: The MIT Press, 1992, xiii +
540 pp.
Hardbound, ISBN 0-262-13285-0

**†The Alternative Mathematical Model of
Linguistic Semantics and Pragmatics**
Vilém Novák
(Czechoslovak Academy of Sciences)
New York: Plenum Press (International
Series on Systems Science and Engineering,
edited by George J. Klir, Volume 8), 1992,
xiii + 204 pp.
Hardbound, ISBN 0-306-44269-8, $65.00

The Logic Programming Tutor
Jocelyn Paine
(Oxford University)
Oxford: Intellect Books (Great Britain only)
and Dordrecht: Kluwer Academic
Publishers (outside Great Britain), 1992, xi
+ 365 pp.
Paperbound, ISBN 1-871516-09-9 (Intellect)
£29.95; Hardbound 0-7923-1448-4 (Kluwer),
$55.00, £34.00, Dfl 100.00

A Study of Concepts
Christopher Peacocke
(University of Oxford)
Cambridge, MA: The MIT Press
(Representation and Mind Series, edited by
Hilary Putnam and Ned Block), 1992, xv +
266 pp.
Hardbound, ISBN 0-262-16133-8, $29.95

**Enterprise Integration Modeling:
Proceedings of the First International
Conference**
Charles J. Petrie, Jr., editor
(MCC)
Cambridge, MA: The MIT Press (Scientific
and Engineering Computation Series, edited
by Janusz Kowalik), 1992, xii + 565 pp.
Paperbound, ISBN 0-262-66080-6, $45.00

**†Connectionist Approaches to Natural
Language Processing**
Ronan G. Reilly and Noel E. Sharkey,
editors
(University College Dublin and University
of Exeter)
Hove, U.K.: Lawrence Erlbaum Associates,
1992, xiv + 472 pp.
Hardbound, ISBN 0-86377-179-3, $89.95

**†Computational Linguistics and Formal
Semantics**
Michael Rosner and Roderick Johnson,
editors
(IDSIA)
Cambridge, England: Cambridge University
Press (Studies in Natural Language
Processing, edited by Branimir
K. Boguraev), 1992, xix + 321 pp.
Hardbound, ISBN 0-521-41959-X, $74.95;
Paperbound, ISBN 0-521-42988-9, $24.95

Computerlinguistik: Eine Einführung
Ulrich Schmitz
(Universität Duisberg)
Wiesbaden: Westdeutscher Verlag, 1992,
238 pp.
Paperbound, ISBN 3-531-12350-5, DM 39.80

†**Constraint-Based Grammar Formalisms:**
Parsing and Type Inference for Natural
and Computer Languages
Stuart M. Shieber
(Harvard University)
Cambridge, MA: The MIT Press, 1992, xi +
183 pp.
Hardbound, ISBN 0-262-19324-8, $24.95

The Crosslinguistic Study of Language
Acquisition, Volume 3
Dan Isaac Slobin, editor
(University of California at Berkeley)
Hillsdale, NJ: Lawrence Erlbaum Associates,
1992, xi + 655 pp.
Hardbound, ISBN 0-8058-0105-7, $135.00

†**A Functional Perspective on Language,**
Action, and Interpretation: An Initial
Approach with a View to Child Modeling
Erich Steiner
(Universität des Saarlandes)
Berlin: Mouton de Gruyter (Natural
Language Processing 1), 1992, x + 289 pp.
Hardbound, ISBN 3-11-012379-0, DM 138

What is Cognitive Science?
Barbara Von Eckhardt
(University of Nebraska, Lincoln)
Cambridge, MA: The MIT Press, 1993, x +
466 pp.
Hardbound, ISBN 0-262-22046-6, $45.00