

# 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. Technical reports and unpublished dissertations will not be listed or reviewed.

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

## **Cognitive systems engineering for user-computer interface design, prototyping, and evaluation**

Stephen Andiole and Leonard Adelman  
(Drexel University and George Mason University)

Hillsdale, NJ: Lawrence Erlbaum Associates, 1995, xiii + 272 pp.

Hardbound, ISBN 0-8058-1244-X, \$59.95

## **Readings in human-computer interaction (second edition): Toward the year 2000**

Ronald M. Baecker, Jonathan Grudin, William A.S. Buxton, and Saul Greenberg (writers and editors)

(University of Toronto; University of California, Irvine; University of Toronto; and University of Calgary)

San Francisco: Morgan Kaufmann Publishers, 1995, xxi + 950 pp.

Paperbound, ISBN 1-55860-246-1, \$49.95

## **†Trajectories through knowledge space: A dynamic framework for machine comprehension**

Lawrence A. Bookman

(Sun Microsystems Laboratories)

Boston: Kluwer Academic Publishers (The Kluwer international series in engineering and computer science: natural language processing and machine translation, edited by Jaime Carbonell), 1994, xx + 271 pp.

Hardbound, ISBN 0-7923-9487-9, \$89.95, £62.95, Dfl 170.00

## **Artificial intelligence and creativity: An interdisciplinary approach**

Terry Dartnall (editor)

(Griffith University)

Dordrecht: Kluwer Academic Publishers

(Studies in cognitive systems, edited by James H. Fetzer, volume 17), 1994, xiv + 455 pp.

Hardbound, ISBN 0-7923-3061-7, \$130.00, £84.00, Dfl 210.00

## **Artificial intelligence: Theory and practice** Thomas Dean, James Allen, and Yiannis Aloimonis

(Brown University, University of Rochester, and University of Maryland)

Redwood City, CA: The

Benjamin/Cummings Publishing Company, 1995, xxi + 563 pp.

Hardbound, ISBN 0-8053-2547-6, no price listed

## **†Deixis in narrative: A cognitive science perspective**

Judith F. Duchan, Gail A. Bruder, Lynne E. Hewitt (editors)

(State University of New York at Buffalo)

Hillsdale, NJ: Lawrence Erlbaum Associates, 1995, xix + 552 pp.

Hardbound, ISBN 0-8058-1462-0, \$89.95.

Paperbound, ISBN 0-8058-1463-9, \$39.95

## **Global perspectives on the ecology of human-machine systems: volume 1** [of an unnamed two-volume set]

John Flach, Peter Hancock, Jeff Caird, and Kim Vicente (editors)

(Wright State University, University of Minnesota, University of Calgary, and University of Toronto)

Hillsdale, NJ: Lawrence Erlbaum Associates

(Resources for ecological psychology series, edited by Robert E. Shaw, William M. Mace, and Michael T. Turvey), 1995, xvi + 412 pp.

Hardbound, ISBN 0-8058-1381-0, \$69.95

Paperbound, ISBN 0-8058-1382-9, \$36.00

Two-volume set, no ISBN listed, hardbound, \$99.95, paperbound, \$52.00

## **Limits to parallel computation:**

### **P-completeness theory**

Raymond Greenlaw, H. James Hoover, and Walter L. Ruzzo

New York: Oxford University Press, 1995, xiii + 311 pp.

Hardbound, ISBN 0-19-508591-4, \$<sup>Cdn</sup>81.50

## **Local applications of the ecological approach to human-machine systems: volume 2** [of an unnamed two-volume set]

Peter Hancock, John Flach, Jeff Caird, and Kim Vicente (editors)

(University of Minnesota, Wright State University, University of Calgary, and University of Toronto)

Hillsdale, NJ: Lawrence Erlbaum Associates

(Resources for ecological psychology series, edited by Robert E. Shaw, William M. Mace, and Michael T. Turvey), 1995, xviii + 470 pp.  
 Hardbound, ISBN 0-8058-1379-9, \$75.00  
 Paperbound, ISBN 0-8058-1380-2, \$39.95  
 Two-volume set, no ISBN listed, hardbound, \$99.95, paperbound, \$52.00

#### **Aspects of metaphor**

Jaakko Hintikka (editor)  
 (Boston University)  
 Dordrecht: Kluwer Academic Publishers  
 (Synthese library, edited by Jaakko Hintikka, volume 238), 1994, vii + 263 pp.  
 Hardbound, ISBN 0-7923-2786-1, \$115.00, £76.00, Dfl 180.00

#### **Computers and English language learning**

John Higgins  
 (University of Stirling)  
 Oxford: Intellect and Norwood, NJ: Ablex Publishing Corp, 1995, viii + 140 pp.  
 Hardbound, ISBN 1-56750-189-3 and 1-872526-40-4, \$42.50  
 Paperbound, no ISBN or price listed

#### **Syntaxe et sémantique des quantifiers flottants tous et chacun: Distributivité en sémantique conceptuelle**

Marie-Odile Junker  
 Geneva: Librairie Droz (Langue et cultures 28), 1995, 183 pp.  
 Paperbound, ISBN 2-600-00057-7, no price listed

#### **†The trouble with computers: Usefulness, usability, and productivity**

Thomas K. Landauer  
 (University of Colorado)  
 Cambridge, MA: The MIT Press, 1995, xiii + 423 pp.  
 Hardbound, ISBN 0-262-12186-7, \$27.50

#### **Plurality, conjunction and events**

Peter Laserson  
 (University of Rochester)  
 Dordrecht: Kluwer Academic Publishers  
 (Studies in linguistics and philosophy, edited by Gennaro Chierchia, Pauline Jacobson, and Francis J. Pelletier, volume 55), 1995, xi + 304 pp.  
 Hardbound, ISBN 0-7923-3238-5, \$96.00, £59.50, Dfl 145.00

#### **Early language development in full-term and premature infants**

Paula Menyuk, Jacqueline W. Liebergott, and Martin C. Schultz  
 (Boston University, Emerson College, and Southern Illinois University)

Hillsdale, NJ: Lawrence Erlbaum Associates, 1995, viii + 248 pp.  
 Hardbound, ISBN 0-8058-1772-7, \$59.95  
 Paperbound, ISBN 0-8058-1773-5, \$24.50

#### **The Journal of Artificial Intelligence Research: Volume 1, August 1993–June 1994**

Steven Minton (executive editor)  
 San Francisco, CA: Morgan Kaufmann Publishers, 1994.  
 Paperbound, ISSN 1076-9757, ISBN 1-55860-347-6; no price listed  
 [Also published online by the AI Access Foundation;  
<http://www.cs.washington.edu/research/jair/home.html>]

#### **†Type logical grammar: Categorical logic of signs**

Glyn V. Morrill  
 (Polytechnic University of Catalonia)  
 Dordrecht: Kluwer Academic Publishers, 1994, xiv + 307 pp.  
 Hardbound, ISBN 0-7923-3095-1, \$99.00, £66.00, Dfl 165.00

#### **Cooperative computer-aided authoring and learning: A systems approach**

Max Mühlhäuser (editor)  
 (University of Karlsruhe)  
 Dordrecht: Kluwer Academic Publishers, 1995, xiii + 351 pp.  
 Hardbound, ISBN 0-7923-9527-1, \$95.00, £67.50, Dfl 185.00

#### **Applications of neural networks**

Alan F. Murray (editor)  
 (University of Edinburgh)  
 Dordrecht: Kluwer Academic Publishers, 1995, xii + 322 pp.  
 Hardbound, ISBN 0-7923-9442-9, \$110.00, £74.95, Dfl 205.00

#### **†Logic and lexicon**

Manfred Pinkal  
 (University of the Saarland)  
 Dordrecht: Kluwer Academic Publishers  
 (Studies in linguistics and philosophy, edited by Gennaro Chierchia, Pauline Jacobson, and Francis J. Pelletier, volume 56), 1995, xvii + 377 pp.  
 Hardbound, ISBN 0-7923-3387-X, \$93.00, £74.00, Dfl 175.00

#### **The artificial life route to artificial intelligence: Building embodied, situated agents**

Luc Steels and Rodney Brooks (editors)  
 (University of Brussels and Massachusetts Institute of Technology)

Hillsdale, NJ: Lawrence Erlbaum Associates,  
1995, ix + 288 pp.  
Hardbound, ISBN 0-8058-1518-X, \$69.95  
Paperbound, ISBN 0-8058-1519-8, \$29.95

**Introduction to knowledge systems**

Mark Stefik  
(Xerox Palo Alto Research Center)  
San Francisco: Morgan Kaufmann  
Publishers, 1995, xx + 870 pp.  
Hardbound, ISBN 1-55860-166-X, \$69.95

**Computational architectures integrating  
neural and symbolic processes: A**

**perspective on the state of the art**  
Ron Sun and Lawrence A. Bookman  
(editors)  
(University of Alabama and Sun  
Microsystems Laboratories)  
Boston: Kluwer Academic Publishers (The  
Kluwer international series in engineering  
and computer science), 1995, xviii + 475 pp.  
Hardbound, ISBN 0-7923-9517-4, \$120.00,  
£85.25, Dfl 230.00

†**Representing time in natural language:  
The dynamic interpretation of tense and  
aspect**

Alice G. B. ter Meulen  
(Indiana University)  
Cambridge, MA: The MIT Press, 1995, xii +  
144 pp.  
Hardbound, ISBN 0-262-20099-6, \$25.00

†**A connectionist language generator**

Nigel Ward  
(University of Tokyo)  
Norwood, NJ: Ablex Publishing Corp  
(Ablex series in artificial intelligence, edited  
by Yorick Wilks), 1994, xi + 298 pp.  
Hardbound, ISBN 0-89391-974-8, \$55.00  
Paperbound, ISBN 1-56750-038-2, \$27.50