

Computational Linguistics

Volume 16, Number 1					Ma	arc	:h	1:	990
Categorial Semantics and Scoping		•		•			• .		1
An Interpretation of Negation in Feature Structure Descriptions Anuj Dawar and K. Vijay-Shanker	•		•				•	•	. 11
Word Association Norms, Mutual Information, and Lexicography Kenneth Ward Church and Patrick Hanks	• •		•				•	•	. 22
Semantic-Head-Driven Generation	. Mo		•				•		. 30
Letter to the Editor	•	•	•				•		. 43
Book Reviews									
Interpreting Anaphors in Natural Language Texts	•	•	• •	•		•	•	•	. 44
Phonological Parsing in Speech Recognition	•	•		•		•	•	•	. 45
Prosody and Speech Recognition	• •			•		•	•	•	. 46
From Syntax to Semantics: Insights from Machine Translation Erich Steiner, Paul Schmidt, and Cornelia Zelinsky-Wibbelt (eds.) Reviewed by Harold Somers		•		•		•	•	•	. 47
Studies in Computer-Aided Lexicology		•		•		•	•	•	. 50
Computational Linguistics: An Introduction		•		•		•	•	•	. 51
Speaking: From Intention to Articulation		•		•		•	•	•	. 52
Briefly Noted									. 56
Books Received									
Abstracts of Current Literature					-		-	-	٠.٠٠

Published Quarterly by the MIT Press for the Association for Computational Linguistics

Computational Linguistics

Formerly the American Journal of Computational Linguistics

Published four times a year by the MIT Press for the Association for Computational Linguistics

Editor James F. Allen

Computer Science Department University of Rochester Rochester, NY 14627, USA

(+1716) 275-5288; INTERNET:acl@cs.rochester.edu

Managing Editor

Bellcore, MRE 2A379 445 South Street, Box 1910 Morristown, NJ 17960-1910, USA

(+1 201) 829-4312; INTERNET:walker@flash.bellcore.com

Robert C. Berwick **Associate Editor**

Artificial Intelligence Laboratory Massachusetts Institute of Technology

Cambridge, MA 02139, USA

(+1617) 253-8918; INTERNET:berwick@ai.mit.edu

Book Review Editor Graeme Hirst

> Department of Computer Science University of Toronto Toronto, CANADA M5S 1A4

(+1416) 978-8747; INTERNET:gh@ai.toronto.edu

Ralph M. Weischedel The FINITE STRING Editor

BBN Systems & Technologies Corporation

10 Moulton Street

Cambridge, MA 02238, USA

(+1617) 491-1850; INTERNET:weischedel@bbn.com

Editorial Board Members

1989-91:

Eugene Charniak, Brown University 1988-90:

Erhard Hinrichs, University of Illinois Bente Maegaard, University of Copenhagen Carl Pollard, Carnegie Mellon University Hozumi Tanaka, Tokyo Institute of Technology Robert Wilensky, University of California at Berkeley

Robert J.P. Ingria, BBN Systems & Technologies Corporation Christopher S. Mellish, University of Edinburgh

Jeffrey Pelletier, University of Alberta Martha Pollack, SRI International Patti Jo Price, SRI International

Masaru Tomita, Carnegie Mellon University Mary McGee Wood, University of Manchester

Susan Warwick, University of Geneva 1990-92:

> James Pustejovsky, Brandeis University Stuart Shieber, Harvard University Kenneth Church, AT&T Bell Laboratories Robert Moore, SRI International

Julia Hirschberg, AT&T Bell Laboratories

Copyright \otimes 1990 by the Association for Computational Linguistics. The following code 0891-2017/90 \$3.00, indicates the copyright owners' consent that a single copy of an article may be made for personal use. The consent is given, however, on the condition that the copier pay the stated per-copy fee of \$3.00 through the Copyright Clearance Center, Inc., 21 Congress Street, Salem, MA 01970, for copying beyond that permitted by Sections 107 and 108 of the U.S. Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. Such permission requests and other permission inquiries should be addressed to the Managing Editor at the address given above.

Individual Subscriptions to Computational Linguistics are available only with membership in the Association for Computational Linguistics (ACL). Annual Membership Dues are as follows: regular, \$25.00; full-time student with current student ID, \$15.00; joint for couples with one subscription, \$30.00. A membership application together with an order form for back issues and conference proceedings is included at the end of this issue. Send membership applications and address changes to Dr. Donald E. Walker (ACL), Bellcore, MRE 2A379, 445 South Street, Box 1910, Morristown, NJ 07960-1910, USA. However, note on the application that it is possible to pay through banks in Switzerland and

Institutional Subscriptions are \$60.00. Outside the U.S. and Canada, add \$12.00 surface mail or \$18.00 airmail postage. They should be ordered through the MIT Press. Send institutional subscription orders and address changes to MIT Press Journals, 55 Hayward Street, Cambridge, MA 02142-1399, USA. To be honored free of charge, claims for missing copies must be made immediately upon receipt of the next published issue. Institutions should order back issues (before 1988) and all proceedings from the ACL at the address above.

Computational Linguistics is abstracted and/or indexed in the following publications: Annual Review of Information Science and Technology, Computing Reviews, Knowledge Engineering Review, Language and Language Behavior Abstracts, Linguistic Abstracts, Linguistic Bibliography, and Science Abstracts (INSPEC Section C).

Beginning with Volume 14, Computational Linguistics is available on microfilm through University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106, USA.