

THE FINITE STRING



LETTER OF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS

12 - NUMBER 1

APRIL 1975

CONTENTS

Editorial Review: Experimental Procedure	2
Information Retrieval Course	5
Linguistics Summer School	6
Indexing Seminar	7
Document Access System Proposed	8
Current Bibliography	9
Membership Directory 1974	19
US-JAPAN Travel Package	70
SOLAR Bibliography on ARPA Network	72

THE JOURNAL OF COMPUTATIONAL LINGUISTICS is published by the Center for Applied Linguistics for the Association for Computational Linguistics.

EDITOR: David G. Hays, Professor of Linguistics and of Computer Science, State University of New York, Buffalo.

EDITORIAL STAFF: Brian Phillips, Assistant; Jacquelin Brendle, Secretary.

ASSOCIATING EDITOR: A. Hood Roberts, Deputy Director, Center for Applied Linguistics.

ASSISTANT: Nancy Jokovich.

DISTRIBUTION AND SUBSCRIPTION ADDRESS: 1611 North Kent Street, Arlington, Virginia 22209.

Copyright 1975

Association for Computational Linguistics

AN EXPERIMENT IN PROCEDURES FOR
EDITORIAL REVIEW

POLICY

The Editorial Board, with the Editor as chairman, is collectively responsible for the scientific merit of articles published in the Journal, and the Editor is bound by their decision.

If three or more members of the Board vote to reject a contribution, the Journal will not publish it.

If one or two members vote to reject the Editor will act in accordance with his best judgment.

The Editor is individually responsible for the editorial and graphic acceptability of articles published in the Journal. The members of the Editorial Board collaborate at their discretion in the judgment of style, clarity, and organization.

The Journal does not undertake to deliver an exhaustive commentary on articles submitted. In its discretion, and on the specific request of an author, the Journal may deliver critiques of substance or style.

PROCEDURE FOR A LONG CONTRIBUTION

The author submits a 650-word brief, which will be used for review and published, in general after revision, on an opaque card. The summary must tell what the contribution will tell; an indication of the nature of the contribution is not sufficient.

more

EDITORIAL REVIEW

For editorial review, 20 copies are needed. The copies can be produced in the AJCL office, but the author *delays review* by submitting only one copy of the summary.

FIRST REPLY. ACJL responds, ordinarily within two weeks either rejecting the contribution or committing itself to publish the contribution in full with some general, and possibly some particular, stipulations.

In general, the full text must support, by its evidence and argument, the promises of the summary. It must be clear.

In particular, reviewers may note kinds of detail that are essential in the full text, or reserve the right to examine a full text before agreeing to publication.

FINAL SUBMISSION. The author furnishes a copy ready to photograph. Page size must be 8.5x11"; margins must be a full inch on all sides; pagination should begin with a title page, summary, and table of contents; page numbers should be top; typing and drawing should be sharp and black on a smooth white background.

Since the 9/-page limit is often not restrictive, the author can help the reader by displaying major points, inserting figures and tables on the same page with textual discussion, and appending examples, lists, programs, flowcharts, and so

FURTHER NEGOTIATION. The Journal will return unsatisfactory texts for revision. The return is generally within a week or two, but can be longer if more than one person's judgment is required. If the full text clearly and adequately expands the summary, no return will be made.

The Journal does not maintain a backlog. All finished manuscripts are cleared on each closing date.

more

SHORT CONTRIBUTIONS

The author can submit a summary for the same review as for a long contribution or a full text. For review of a short contribution in full, four copies are needed. The photographable version must have a summary on its first page, beginning 4" from the top of the sheet.

Any text up to 20 pages is short; any text over 40 pages is long. Between 20 and 40 pages, contributions are handled on their merits; some may be held for combination on a symposium fiche with other similar texts.

SHORT COURSE ON

I N F O R M A T I O N R E T R I E V A L
A N D D Y N A M I C L I B R A R Y P R O C E S S I N G

CORNELL UNIVERSITY

DATES June 23-27, 1975

LECTURER Gerard Salton

TEXT Dynamic Information and Library Processing

CONTENT New techniques for automatic indexing and document
 content analysis term classification, optimum
 thesaurus construction, document classification and
 file organization, interactive search and retrieval,
 file growth and document retirement methodology,
 dynamic collection control

The text, by Salton, is in press with Prentice Hall.

DETAILS Director of Continuing Education

 College of Engineering

 Cornell University

 Upson Hall

 Ithaca, New York 14853

 607-256-5088

THIRD INTERNATIONAL SUMMER SCHOOL IN
L I N G U I S T I C S

POLYTECHNIC OF CENTRAL LONDON
35 Marylebone Road
London NW1 5LS

JULY 21 - AUGUST 8, 1975

A basis for further application and research in language and linguistics, open to teachers, translators, beginners, and advanced students. Some knowledge of at least one foreign language is desirable but not essential. Beginners and those with some previous knowledge are separated.

CONTENT

Principles phonology, grammar, and semantics; applications in translation teaching, remedial work, and communications.

Options offered in literary translation and translation technique; dyslexia; teaching adult illiterates; lexicography; comparative and historical linguistics; phonetics. Subject to enrollment, also in Chinese, Basque, and Russian (beginners)

ARRANGEMENTS

Single study bedrooms at the Polytechnic are available to early applicants at £10.50 a week (£31.50 for the course).

Participants will have the use of the library of the School of Modern Languages which is particularly well-stocked with linguistics books and journals.

The course consists of 4-5 hours of lectures and seminars daily Monday to Friday. Groups of participants with common interests and requirements are proposed. Group work will be supplemented by plenary sessions.

STAFF

Alex Auswaks is course director, Lecturers are members of the PCL staff and graduate students of the PCL Post-Graduate Diploma in Linguistics.

NFAIS ADOPTS A PLAN FOR A SYSTEM OF
DOCUMENT ACCESS

Anyone would be able to get a copy of any journal article, conference paper, dissertation, report, map, book, or other document cited in the indexing or abstracting publication of any member of nfaiss, if the National Commission on Libraries and Information Science includes in its program a plan approved by the nfaiss board of directors on March 2, following a two year study.

Member services would furnish copies of the documents they cite to selected research libraries. Customers would pay for copies, taking care of the libraries and copyright holders alike. The plan is for the government to pay development and management costs for the system.

A copy of the position paper describing the plan can be obtained from the National Federation of Indexing and Abstracting Services, 3401 Market Street, Philadelphia, Pennsylvania 19104.

COMPUTATIONAL LINGUISTICS (A BIBLIOGRAPHY WITH ABSTRACTS)

Carolyn Gatsoff
National Technical Information Service
Springfield, VA.

Report No. NTIS/PS-75/032/3GA PC \$25, MF \$25 1964 - Oct. 1974

The bibliography contains 108 selected abstracts of federally funded research reports concerning computational linguistics. Some of the applications are in the fields of natural language analysis and information retrieval.

PROSODIC AIDS TO SPEECH RECOGNITION: V. A SUMMARY OF RESULTS TO DATE

Wayne A. Lea
Sperry UNIVAC
Defense Systems Division
St Paul, Minnesota

Report No. PX-11087, October 1974.

Prosodic features detect boundaries between phrases; stressed syllables are located within each phrase, and an analysis is done within stressed syllables. Listeners' perceptions of stressed syllables corresponded to locations of stressed syllables obtained from prosodic features. Results showed that automatic phone categorization is much more accurate in stressed syllables. Stressed vowels tended to be equally spaced in time, but the number of intervening unstressed syllables had a more prominent effect on inter-stress interval than expected. Prosodic features appear to be useful for providing cues to sentence type, syntactic bracketing occurrences of coordination and subordination, and specific semantic structures.

AD/A-003 931/3GA. PCS3.75/MFS2.25.

SYNTHESIS OF SPEECH FROM A DYNAMIC MODEL OF THE VOCAL CORDS
AND VOCAL TRACT

J. L. Flanagan K. Ishizaka, and K. L. Shipley
Bell Laboratories

The Bell System Technical Journal, 54, 3, 485-506. March 1975

Describing a computer model of the human vocal cords and vocal tract that is amenable to dynamic control by parameters directly identified in human physiology. The control format provides an efficient, parsimonious description of speech information. Control parameters represent subglottal lung pressure, vocal-cord tension and rest opening, vocal-tract shape, and nasal coupling. Vowel-consonant-vowel syllables are synthesized using these inputs to demonstrate the dynamic behavior of the cord/tract model. Inherent properties of the model duplicate phenomena observed in human speech; in particular, cord/tract acoustic interaction, cord vibration, and tract-wall radiation during occlusion, and voicing onset-offset behavior. An approach to derive the physiological controls automatically from the printed text is described, and sentence-length synthesis obtained from a preliminary system is presented

CONCORDANCES IN THE SEVENTIES

W. Ingram
University of Michigan
Ann Arbor

Computers in the Humanities 8, 5-6, 273-277. Sept. - Nov. 1974

The computer has eliminated much of the drudgery of compiling a concordance. However, there is often a lack of effort in post-editing the computer output, for example, in dealing with homographs, epithets, non-standard spellings.

DEPENDENCY GRAMMAR

David G. Hays
State University of New York
Buffalo

Encyclopedia of Computer Science and Technology, edited by Jack Belzer, Albert G. Holzman, and Allen Kent. Marcel Dekker, Inc. New York, In press. Manuscript August 1974.

Origins: traditional. Form: A finite set of class symbols and a mapping of a finite or infinite set of strings onto the set of class symbols; rules. With features, a rule is a feature pair; some features appear in rules as dependent features, some do not. Algorithms: pushdown generator, three parsers: Polish prefix notation, single parse, all possible. The second uses precedence, the third uses a wanted list. Weak equivalence with constituency. Natural choice of governors in phrase-structure grammars. Transformation: e.g., passive is "Agent(Noun) ; FIRST". Dependency grammar for predicate logic; for a programming language. "In programming as in logic, grammar and quantification have different structures."

THE PARSING PROGRAM FOR AUTOMATIC TEXT-TO-SPEECH SYNTHESIS
DEVELOPED AT THE ELECTROTECHNICAL LABORATORY IN 1968.

Noriko Umeda
Bell Laboratories
Murray Hill, New Jersey

and Ryunosuke Teranishi
Kyushu Institute of Design
Fukuoka, Japan

IEEE Transactions on Acoustics, Speech, and Signal Processing,
ASSP-23, 2, 183-188, April 1975

The parser handles unique problems for a speech production system, especially of phrase-structure analysis in regard to stress and pause assignments. The parsing program consists of a dictionary of about 1500 most frequently used words, a simple syntactic analyzer and a breath-group delimiter. The syntactic analyzer, with the assistance of information stored in the dictionary, divides the sentence into phrases, and assigns pause markers at major syntactic boundaries; the breath-group delimiter decides actual pauses and sentence stress. The output of the parsing program consists of a sequence of phonemes with stress marks and of phrase termination marks. These letters and marks are transformed into vocal tract shapes, duration, and pitch signals in the subsequent part of the synthesis system. The parsing program, written in the PL/I language, consists of about 1900 statements.

SEMANTIC NETWORKS

Allan M. Collins, and Eleanor H. Warnock
Bolt Beranek and Newman Inc.
Cambridge, Massachusetts

Report No. BBN-2833, May 1974

The work on semantic networks involves three distinct areas: inferences, map displays, and English comprehension. Inference strategies implemented in SCHOLAR include different types of deductive, negative, and functional inferences. The graphics package allows users to ask questions and give commands in English to control SCHOLAR's map display, which is tied into the semantic network on South American geography. With partial support from this contract, we also developed an English Comprehension System, utilizing a data base on the ARPA network. Unlike geography, most questions about the ARPA network pertain to actions and procedures involving complicated English sentence structure, necessitating sophisticated parsing and retrieval strategies.

AD-782 663/9GA. PC\$3.75/MF\$2.25.

SOLAR (A SEMANTICALLY⁴ORIENTED LEXICAL ARCHIVE):

CURRENT STATUS AND PLANS

T. Diller, and J. Olney
System Development Corporation
Santa Monica, California

Computers in the Humanities 8, 5-6, 313-319. Sept - Nov. 1974

SOLAR is designed to permit a researcher to access a broad range of semantic data keyed to individual words. There are seven logical files: (1) semantic analysis; (2) explanatory notes for the descriptive constants used in the semantic analysis; (3) conceptual analysis of the notions involved by the descriptive constants; (4) collocational features correlated with particular word senses; (5) semantic files; (6) definitional expansions; (7) context of occurrence.

BELIEF SYSTEMS AND LANGUAGE UNDERSTANDING

Bertram C. Bruce
Bolt Beranek and Newman Inc
Cambridge, Mass.

Report No. 2973, Bolt Beranek and Newman Inc. January 1975

Knowledge about intention allows us to recognize the distinction between requests and orders, promises and threats, or lies and informings. To recognize intention in behavior, speech or otherwise, requires a model of the beliefs of others, how actions fit together into larger units, and how aspects of an action are determined by intentions and beliefs. A theory of personal causation has primitives to describe the social aspect of an action. It defines "Social action paradigms" (SAP's) in terms of social actions. The SAP's provide a structure for episodes analogous to the structure a grammar provides for sentences.

THE ROLE OF MEMORY IN LANGUAGE PROCESSING

Roger C. Schank
Yale University

In: The Nature of Human Memory, edited by C. Cofer and R. Atkinson. W. H. Freeman Co., in press. Manuscript February 1975]

Woods, Winograd, Simmons, and others build semantic routines to operate on parser output. Schank, Wilks, and Riesbeck build semantic processors that call parsers only on failure. All these authors recognize that linguistic processing is inseparable from memory. Understanding is the attachment of what is explicit in a text to what is already known. Inferences are what is likely to be true about an input but not necessarily so. Conceptual dependency is a memory model with 11 primitive acts and 4 kinds of causal links. Memory is a morass of episodes, linked in time and space, accessible by the concepts that make them up. Inferences are generalized episodes, called scripts: plans that have been used a lot.

COGNITIVE NETWORKS

David G. Hays
 State University of New York
 Buffalo

Encyclopedia of Library and Information Science, edited by Allen Kent and Harold Lancour. Marcel Dekker, Inc., New York. In press. Manuscript February 1975.

Network storage tends to obviate calculation, but a hybrid system adds an external processor which can see the network in broad perspective. An active network has a processor at each node; an external process sets initial and terminal conditions. Inheritance is a global process, communicated on paradigmatic links; indirect addressing uses them inversely. Representation is the relation between a single node and a subnetwork, e.g. a definition. Primitive nodes are defined externally; nonprimitives are constructed, e.g. a form has color and shape. Placement links object, position, and moment. The mind consists of LTM, STM .CPU; the CPU forms an idea in STM that corresponds to the content of the sense organs and LTM etc. Desires stimulate the CPU to link ideas with purpose arcs. Causality links systems without specifying mechanisms of interaction. Applications in information retrieval and robotics. References: LNR Research Group, Schank.

A SURVEY OF COMPUTER-AIDED RESEARCH IN EARLY GERMAN

Rudolf Hirschmann
 University of Southern California

Computers in the Humanities 8, 5-6, 279-284 Sept - Nov. 1974.

The topics covered are: (1) Conferences and published research; (2) Clearinghouses; (3) Projects listed with clearinghouses. A bibliography of 50 entries is given.

INFERENCE AND THE COMPUTER UNDERSTANDING OF NATURAL LANGUAGES

R. C. Schank, and C. J. Rieger, III
Stanford University [Now: Yale (RCS), U. of Maryland (CJR)]

Artificial Intelligence 5, 4, 373-412. 1974

The notion of computer understanding of natural language is examined, relative to inference mechanisms designed to function in a language free conceptual base (Conceptual Dependency). The conceptual analysis of a natural language sentence into this conceptual base and the nature of the memory which stores and operates upon these conceptual structures are described both from theoretical and practical standpoints. The various types of inferences which can be made during and after the conceptual analysis of a sentence are defined.

OPTIMIZATION OF SYSTRAN SYSTEM

Peter P. Toma, Ludek A. Kozlik and Donald G. Perwin
Latsec Inc.
La Jolla, California

Report No. RADDC-TR-73-155-rev. May 1974.

A 12-month effort aimed at improving the output of the SYSTRAN System for machine translation of Russian scientific and technical literature into English, based upon analysis of a large amount of SYSTRAN-translated Russian text. Areas of output-language construction include (1) transfer grammar problems, i.e.; grammatical conversion of Russian Adnominal genitive constructions, deverbative noun constructions and voice, number conversion, and (2) synthesis problems, i.e., English equivalent suppression, article insertion, disambiguation of dash and others. Input language analysis for purposes of structural disambiguation includes syntax and word classes, i.e., 'measure parameters and measurables', subject/predicate correlations, strong and weak adnominal genitive government.

AD-777 850/9GA. PC\$10.50/MFS1.45.

SOME PROBLEMS IN GERMAN TO ENGLISH MACHINE TRANSLATION

Gretchen Purkhisér Brown
Massachusetts Institute of Technology
Cambridge

Report No. MAC-TR-142. December 1974

The paper discusses some problems in the machine translation of natural language, in particular, for translation of German into English. An implementation of some parts of the translating process has been built. The system consists of a German interpretive grammar, to take in German text and output a set of semantic representations, and a generator, to produce English sentences from single semantic representations. Special attention is paid to questions of semantic representation in a multi-language setting and to stylistic issues in English generation. [AD/A-003 002/3GA PC \$7/MF \$2.25]

LEXICAL DOMINANCE IN BILINGUALS

Roy Lachman and Janet Mistler-Lachman
University of Houston

Bulletin de Psychologie 1975, in press

Progress in machine translation may first require understanding the psychological basis of bilingual competence. The outcome of research on bilingual performance is rationalized in a process model of language and memory. Bilinguals who had histories of abrupt transitions between exclusive use of the mother tongue and the adopted language permitted clear answers to several questions: over 15 years of continuous use of an adopted language may be required for it to become dominant. The switching of languages in a picture-naming task permitted inferences as to the role of a lexical system and its conceptual or meaning substrate. The two systems are at least partially independent. German and English appear to be comparable in codability.

COGNITION: THE LINGUISTIC APPROACH

David G. Hays
State University of New York
Buffalo

Proceedings of the 1974 Pisa Summer School in Computational Linguistics, edited by Antonio Zampolli; to appear. Manuscript April 1975.

The speaker-hearer consists of a thought-speech converter or pair of them; a store of knowledge; an explicator; and a battery of physical appetites, including one for human association. The store is a cognitive network (Norman, Rumelhart, Lindsay; Schank). The explicator and converter have the same form, but have different input and output connections. The store consists of property, entity, event, and plan (causal) nodes, some defined by sensorimotor schemata (Powers). They vary in order (Powers); channel, scope (e.g. size), and frequency (Julesz). They are linked paradigmatically and syntagmatically. Episodic memory is a collection of modality nodes, each representing a syntagmatic network. The explicator relates groups of episodes, forming more abstract episodes, which are represented by nodes in the original store. The linguistic network has the same form as the store; its nodes are both content and grammar. The converter is the explicator under another name.

THE INTERACTION OF INFERENCES, AFFECTS, AND INTENTIONS,
IN A MODEL OF PARANOIA

Bill Faught, Kenneth Mark Colby, and Roger Parkison
Department of Computer Science
Stanford University

Report Nos. Stan-CS-74-471, AIM-253. December 1974.

The analysis of natural language input into its underlying semantic content is but one of the tasks necessary for a system (human or non-human) to use natural language. Responding to natural language input requires performing a number of tasks (1) deriving facts about the input and the situation in which it was spoken; (2) attending to the system's needs, desires, and interests; (3) choosing intentions to fulfill these interests; (4) deriving and executing actions from these intentions. The authors describe a series of processes in a model of paranoia which performs these tasks. The authors also describe the modifications made by the paranoid processes to the normal processes. A computer program has been constructed to test this theory.

AD/A-003 487/6GA. PCS3.75/MFS2.25.

THE USE OF FUNCTION WORD FREQUENCIES AS INDICATORS OF STYLE

Fred J. Damerau
IBM T. J. Watson Research Center
Yorktown Heights, N.Y.

Report No. RC 5239 January 28, 1975

The distributions of words whose text frequencies were greater than five times in ten thousand were tested to determine which of them might be said to have been generated by an underlying Poisson process. For five different samples from well-known novels, only very few words have this property over all. Such words, relatively independent of content to be expressed, would reflect "minor encoding habits" (Paisley), but if the status of each word has to be checked for each author, then the search for indicators of style and authorship must be pursued elsewhere.

DISTRIBUTION LIMITED PRIOR TO PUBLICATION



MEMBERSHIP
DIRECTORY 1974

A list of persons belonging to the Association for Computational Linguistics. Specialized interests are listed for those who returned directory cards early in 1975; the exact text supplied by the member is copied here.

A subject index is printed on cards.

A

ABERNATHY, Robert, Professor of Slavic Languages, University of Colorado, Boulder 80302.

ABORN, Murray, Division of Social Sciences, National Science Foundation, Washington, D. C. 20550

ADEY, F. C. Honorary Librarian, The British Computer Society, Leicester College of Technology and Commerce, The Newarke, Leicester, ENGLAND

ADLER, Jane E. 33036 Trafalgar Lane, Apt. 10, Westland, Michigan 48185

AGRESTI, Henri, Department of Linguistics, University of California, San Diego, La Jolla 92037.

ALI, Latif H. Department of European Languages, College of Arts, University of Baghdad, Baghdad, IRAQ

ALLEMAN, John C. 377 North First West St., Salt Lake City, Utah
84103

ALLEN, Jonathan M.I.T., Room 36-581, Cambridge, Massachusetts
02139

ALT, Franz, American Institute of Physics, 335 East 45th Street
New York, 10017

AMICO, Anthony, Department of Computer Science, Merrimack College,
North Andover, Massachusetts 01845

AMSLER, Robert A. Department of Computer Sciences, University of
Texas, Austin 78712. Computational lexicology; computational
semantics; artificial intelligence.

ANDERSON, Don D., 326 Rue Saint Jacques, 75005 Paris, FRANCE

ANDERSON, Jean W. 1304 Nishishin Tr., Madison, Wisconsin 53716

ANDERSON, R. O. 10 Willow Walk, Cambridge CB1-1LA, ENGLAND

ARKWRIGHT, Thomas D. Module de lettres francaises, Universite du
Québec, Chicoutimi, Quebec, CANADA

B

BACON, Charles R. T. 10717 Burbank Drive, Potomac, Maryland 20854

BADRE, Nagib A. IBM T. J. Watson Research Center, P.O. Box 218,
Yorktown Heights, New York 10598

George W. 50 West Kellogg Blvd., St. Paul, Minnesota 55102


BALASHOV, Victor A. Department of Languages and Literature,
Bennington College, Bennington, Vermont 05201

BALMA, Phillip J. McGraw-Hill, Del Monte Research Park, Monterey
California 93940

- BARANOFSKY, Sharon. 359 Oxford, Palo Alto, California 94306
- BAR-HILLEL, Yehoshua. Professor of Philosophy, Hebrew University,
Jerusalem, ISRAEL
- BARKMAN, Bruce. Clinical Laboratories, Centre Hospitalier Univer-
sitaire de Sherbrooke, 189 Howard Street, Sherbrooke, Quebec
CANADA. Automatic Coding of Medical Statements, Dictionary
Construction, Morphosyntax and Morphosemantics
- BARNES Mervin R. Department of Modern Languages, University of
Oklahoma, Norman, Oklahoma 73069
- BARNES, R. F. Department of Philosophy, Lehigh University,
Bethlehem, Pennsylvania 18015
- BARNEY, John R. 101 Curl Drive, Apt. 843, Columbus, Ohio 43210
- BARONE, Joseph M. Department of Science & Humanities Education,
Graduate School of Education, 10 Seminary Place New Brunswick
New Jersey 08903
- BARYZA, Gregory A. 10327 W. Outer Drive, Detroit, Michigan 48223
- BASSMAN, Mitchell J. Department of Computer Science, University
of North Carolina, Chapel Hill, 27514
- BATES, Jan. Sudetenstrasse 12, D-7400 Tubingen, GERMANY
- BATES, Madeleine. Bolt Beranek and Newman Inc., 50 Moulton Street
Cambridge Massachusetts 02138 Artificial intelligence
syntactic support for speech understanding
- BATORI, I. DP Basic Research, IBM Deutschland, P.O. Box 266,
7032 Sindelfingen GERMANY
- BAUER, Eric W. Bismarckstrasse 1, D-852 Erlangen, GERMANY
- BAXTER, S. D. National Research Council, Computation Centre,
Ottawa 2, Ontario, CANADA

BECKLES, David. 10 Stone Street, Port-of-Spain, Trinidad, WEST
INDIES

BELL, R. T 2121 Watson Avenue, St. Paul, Minnesota 55116

BELMORE, Nancy F. Stureg. 8,  23 Uppsala, SWEDEN

BELFRAN, Sergio F. EConomia 11, Mexico 20, D.F., MEXICO

BENGULREL, Andre-Pierre. Division of Audiology and Speech Sciences
University of British Columbia, Vancouver, V6T 1W5, CANADA

BENSON, David B. Computer Science Department, Washington State
University, Pullman, 99163. Formal language theory; program-
ming languages for AI research; natural language query systems.

BERKELEY, Edmund C. Editor, Computers and Automation, 815
Washington Street, Newtonville, Massachusetts 02160

BERSON, Thomas A. Computer Science Laboratory, Queen Mary College,
Mile End Road, London E. 1 ENGLAND

BLAIR, Chauncey J. 12415 Seabury Lane, Bowie, Maryland 20715

BLANTON, Mackie J. V. Humanities Department, Illinois Institute
of Technology, Chicago, Illinois 60616

BLEWETT, William J. Department of Applied Physics and Information
Science, University of California, San Diego. La Jolla,
California 92037

BLUM, Eugene. 4 Seagull Lane, Port Washington, New York 11050

BOAS, Hans Ulrich. Seminar for Englische Philologie, 34 Gottingen,
Nikolausberger Weg 15, WEST GERMANY

BOBROW, Daniel G. Xerox Park, 3180 Porter Drive, Palo Alto,
California 94304

BORDIE, John G. Box 8152, Austin, Texas 78712

BORKOWSKI, Casimir. Hampton Hall, Pittsburgh Pennsylvania 15213

BOURQUIN, Guy. 17 Rue des Dames Chanoinesses, Bouxieres 54

Champigneulles, FRANCE

BOWIE, George F. Box 49, Elizabeth City State University,

Elizabeth City, North Carolina 27909

BOWLES, Philip D. Trevecca Nazarene College, Nashville, Tennessee

37210

BRACHMAN, Ronald J. Bolt Beranek and Newman Inc., 50 Moulton St.

Cambridge, Massachusetts 02138. Natural language semantics;

representation of knowledge; artificial intelligence

BRANDT, H. R. Soren. Vester Sogade 16 7 TH. DK-1601, Kobenhavn V

DENMARK

BREMER, Patricia B. 7711 W. 80th Street, Playa del Rey,

California 90291

BRISS, E. A. 907 Varsity Avenue, Columbus, Ohio 43221

BRISTOL, Edgar H., II. Research Department, The Foxboro Company,

6 Maple Place, Foxboro, Massachusetts 02035. Process control

software; adaptive control systems; multivariable control

systems analysis

BROMS, Henri. Library of the Scientific Societies, Snellmaninkatu

5-11, Helsinki, FINLAND

BROOKS, Frederick P Jr. Department of Computer Science, New

West Hall, University of North Carolina, Chapel Hill, 27514

BROSS, John S. Department of Modern Languages, Wilmington College

Wilmington, Ohio 45177

BROWN, Geoffrey, Department of Computer Science, Rutgers University

New Brunswick, New Jersey 08903

- BROWN, John Seely. Information and Computer Science Department,
University of California, Irvine 92664
- BRUCE, Bertram. Bolt Beranek and Newman Inc., 50 Moulton Street,
Cambridge, Massachusetts 02138. Artificial intelligence;
natural language understanding; pragmatics.
- BRUDERER, Herbert. (Sprachdienst, Schweizerische Bundeskanzlei)
Haslerstrasse 12, 3008 Berne, SWITZERLAND. Machine trans-
lation; machine-aided translation.
- BRYANT, George C. 1213 Marda Lane, Annapolis, Maryland 21403
- BURGER, John F. 5887 East Malton Avenue, Santa Susana, California
93063
- BURKART, Edward I. 2923 34th Street, N.W., Washington D.C. 20008
- BURTON, Richard R. Bolt, Beranek and Newman, 50 Moulton Street,
Cambridge, Massachusetts 02138
- BUSA, Roberto, S.J. CAAL Aloisianum, 21013 Gallarate, ITALY
- BUSEMAN, Alan. Instituto Linguistico de Verano, Apartado 22067,
Mexico 22, D.F., MEXICO. Translation and linguistics; text
analysis; grammars.
- BUTCHER, Clifton H. Steward Towers 705, 200 Fort Meade Road,
Laurel, Maryland 20810
- BUTTELMANN, H. W. Department of Computer and Information Science
Ohio State University, Columbus 43210

C

- CAHILL, Thomas P. (Research, Chase Manhattan Bank) 215 Adams St.
Brooklyn, New York 11201. Linguistic theory; speech under-
standing; formal languages.

- CARROLL, John B. Psychometric Laboratory, University of North Carolina, Chapel Hill, 27514
- CECH, Claude G. 1105 East Delaware, Urbana, Illinois 61801
- CHAFE, Wallace. Department of Linguistics, University of California, Berkeley, 94720
- CHAN, Stephen W. Project on Linguistic Analysis, University of California, 2222 Piedmont Avenue, Berkeley, 94720
- CHAO, Y. R. Department of Oriental Languages, University of California, Berkeley 94720
- CHAPIN, Paul G. Professor of Linguistics, University of California (San Diego), La Jolla, 92037
- CHEYDLEUR, B. F. 3960 Normanwood Drive, Orchard Lake, Michigan 48033
- CHINCHOR, Nancy. Department of Linguistics, South College University of Massachusetts, Amherst, 01002
- CHRONISTER, E. Scott. 2701 E. Towers Drive, #507, Cincinnati Ohio 45238
- CLAY, William T. 1335 North Rowell, Fresno, California 93703
- CLIPPINGER, John H., Jr. Box 95A, Jefferson, New Hampshire 03583
- COFFEY, James R. Country Place Apts., Bancroft #4, Fries Mill Road, Turnersville, New Jersey 08012
- COHEN, Israel A. Yuluda Hayamit Branch, P.O. Box 15031, Yafo, 61150; ISRAEL
- COHEN, Paul S. IBM T. J. Watson Research Center, P.O. Box 218, Yorktown Heights, New York 10598
- COHEN, Philip R. Department of Computer Science, University of Toronto, Toronto M5R 1C9 Ontario, CANAI

- COLES L. Stephen. 18 Parker Avenue, Atherton, California 94025
- COLLINS, Allan M. Bolt Beranek and Newman Inc. 50 Moulton Street
Cambridge, Massachusetts 02138
- CONAWAY, Charles W. School of Information & Library Studies,
State University of New York at Buffalo, Buffalo, 14214.
Information storage and retrieval systems; selective dissemination of information systems; automatic indexing and classification methods.
- COOPER, Franklin S. 270 Crown Street, New Haven, Connecticut 06510
- COOPER, Michael D. School of Librarianship, University of
California, Berkeley, 94720
- COSTANDI, John Josef. 230 Grove Acre #316, Pacific Grove,
California 93950
- COWAN, Marilyn R. C. T. 938 Kapahulu Avenue #205, Honolulu
Hawaii 96816
- COYNE, Edward J. Human & Natural Resources Branch, Sperry Univac,
2121 Wisconsin Avenue N.W., Washington D.C. 20007. Natural
language semantics; programming languages; artificial intelligence.
- CRESSEY, William W. 4425 Stanford Street, Chevy Chase, Maryland
20015
- CRETSOS, James M. Merrell-National Laboratories, 110 East Amity
Road, Cincinnati, Ohio 45215
- CROUT, J. Norwood. Federal Reserve Bank of New York, 33 Liberty
Street, New York, New York 10045
- CUNNINGHAM, Dale S. Box 1027, Main Office, Camden, New Jersey

08101. Translation.

D

DAHLBERG, Ingetraut. Woogstrasse 36a, D 6 Frankfurt 50, FRG

GERMANY

DALE, Nell B. Budapest II, Budakeszi ut. 55/D,P/7,9/1 HUNGARY

DAMERAU, Fred J. Nash Road, Purdy's Station, New York 10578

DANFORTH, Douglas G., Blackwelder 5-J, Stanford, California 94305

DAVIDSON, J. E. 545 W. 63rd Avenue, Vancouver, BC V6P 2G7 CANADA

DAVIES, Peter. 24 Downing Street, Spring Hill Brisbane 4000

AUSTRALIA

DAVIS, Philip W. Editor, GLOSSA, Department of Modern Languages,

Simon Fraser University, Burnaby 2, BC CANADA

DAVIS, Ruth M. 12720 Eldrid Place, Silver Spring, Maryland 20904

DEAHL, Thomas F. 815 Carpenter Lane, Philadelphia, Pennsylvania

19119

DEARING, Vinton A. Department of English, University of California

Los Angeles 90024

DEGLI ANTONI, Giobanni. Via Viotti 5, 20133 Milano, ITALY

DELATTE, L. International Organization for Ancient Language Analysis by Computer. 2 rue Charles Magnette, Liege, BELGIUM

DELEO, James M. 4515 Willard Avenue, Chevy Chase, Maryland 20015

DEVAUD, Marcel J. P. Blue Cross Association, EDP and Telecommunications, 520 N. Dearborn Chicago Illinois 60610

DILLER, Timothy C. System Development Corporation, 2500 Colorado Avenue, Santa Monica, California 90406

- DILLON, Martin. School of Library Science, University of North Carolina, Chapel Hill, 27514
- DINGWALL, William Orr. 6511 Wilson Lane, Bethesda, Maryland 20034
- DINNEEN, David A. Department of French and Italian, The University of Kansas, Lawrence, 66044
- DOBREE, Nick. P.O. Box 155712, Beirut, LEBANON
- DODDS, David R. Computing Science Department, Simon Fraser University, Burnaby B.C. V5A 1S6 CANADA
- DOMENS, Mark. 2501 Nostrand Avenue, Brooklyn, New York 11210
- DOUGHERTY, Ching-Yi. Merrill College, University of California Santa Cruz, 95060
- DOUGLASS, David. 1027 Racine Avenue South, Chicago Illinois 60607
- DOUVILLE, Judith A. 23 Virginia Drive, Middletown, Connecticut. 06457
- DOYLE, Lauren. Editor, SIG-IR Newsletter, Technomics Incorporated 1455 Nineteenth Street, Santa Monica, California 90404
- DREIZIN, Felix A. Department of Mathematics, University of Bar-Ilan, Ramat-Gan, ISRAEL
- DUCRETET, Pierre. Erindale College, University of Toronto, 3359 Mississauga Road, Clarkson, Ontario, CANADA
- DUGAS, Andre. Department de Linguistique, Universite du Quebec, B.P. 3050, Succursale E, Montreal, Quebec, CANADA
- DUNHAM, George S. 3840 Harrison Street, Washington D.C. 20015
- DUNN, James M. Germanic Languages & Program in Linguistics, Princeton University, 230 East Pyne Bldg., Princeton New Jersey 08540. Generative phonology; historical Germanic;

metatheory.

DYKSTRA, Gerald. Department of Communication, GRG Hall, University
of Hawaii, Honolulu 96822

E

EAGER, Michael J. 1503 Fairway Drive #2C, Lisle, Illinois 60532

EARNEST, Lester D. 12769 Dianne Drive, Los Altos Hills,
California 94022

EASTMAN, Jeffrey F. 3401 Clark Avenue, Raleigh, North Carolina
27607

EDMUNDSON, H. P. Professor of Computer Science, University of
Maryland, College Park, 20742

EDWARDS, Jack L. Graduate Program in Psychology, York University
4700 Keele St. Downsview, Ontario M3J 1P3 CANADA

EICHMAN, Thomas. Division of Humanities, Indiana State University
8600 University Boulevard, Evansville, Indiana 47712.
Linguistic theory; Germanic linguistics; Indo-European
linguistics.

ELLIOTT, Patricia M. 3394 Sunningdale Way, Columbus Ohio 43221

ENGELS, Leopold K. 61 Tiense Vest, 3200 Kessel-Lo, BELGIUM

EPSTEIN, Martin N. 102 Locksley Avenue #205, San Francisco,
California 94122

EULENBERG, John B. P.O. Box 845, East Lansing, Michigan 48823

F

FABENS, William. Department of Computer Science, Rutgers
University, New Brunswick, New Jersey 08903

- FABESCH, Peter A. G. Battelle, Geneva Research Center, 1227
Carouge-Geneva, SWITZERLAND
- FANNIN, Robert G. 58-03 Calloway Street, Queens, New York 11368
- FAUBERT, Victor M. 2239 McLaughlin Avenue #3, San Jose,
California 95211
- FAUNCE, Stephen Palma Real 11J, Madrid 2, Santurce, Puerto Rico
00907
- FELTY, James L. 239 Herrick Road, Newton Centre, Massachusetts
02159
- FERGUSON, Richard Dimitri. 314 Oakland Street, Wellesley Hills,
Massachusetts 02181
- FERRARI, J. Terri. 19 Columbia St., Wakefield, Rhode Island 02879
- FINDLER, Nicholas, Professor of Computer Science, State University
of New York at Buffalo, 4226 Ridge Lea Road, Amherst 14226.
- FINK, John. 15 Woodbury, Cranston, Rhode Island 02905
- FINLEY, Marion R., Jr. Department de Mathematiques, Universite
Laval, Cite Universitaire, Quebec G1K 7P2, CANADA
- FINNEY, Joseph C. 821 Cahaba Drive, Lexington, Kentucky 40502
- FISCHER, Margaret T. R. R. Bowker Company, 1180 Avenue of the
Americas, New York, New York 10036
- FISHER, Ing. Eugenia. Jose Hernandez 2627 G, Buenos Aires,
ARGENTINA
- FISHER, Robert A. Department of Computer Science, Cornell
University, Ithaca, New York 14850
- FISHER, W. M. Central Institute for the Deaf, 818 S. Euclid Avenue,
St. Louis, Missouri 63110
- FJELLHEIM, Roar. Avenue de Feuillasse 7, Apt. 31, 1217 Meyrin

SWITZERLAND

- FOLEY, James. Department of Modern Languages, Simon Fraser University, Vancouver, CANADA
- FOSSATI, Elaine. 1220-333 Tasman Drive, Sunnyvale, California 94086
- FOUGHT, John G. Department of Linguistics, University of Pennsylvania, Philadelphia 19174. Descriptive linguistics; ethnosemantics; Mayan studies
- FOX, Margaret R. 3418 Anderson Road, Kensington, Maryland 20795
- FRANSEN, K. D. Department of Speech, 305 Sparks Bldg., Pennsylvania State University, University Park, 16802
- FRANK, Michael. Computer Services Department, Texaco, Inc. 2316 Wallace Avenue, Bronx, New York 10467
- FREDERICK, Helga Eriksen. Box 130, Lindenwold, New Jersey 08021
- FREDERICKSEN, Dick H., 77 Jefferson Avenue, White Plains, New York 10606
- FRIEDMAN, Joyce. Computer and Communication Sciences, University of Michigan, 2076 Frieze Bldg., Ann Arbor, 48104. Computational logic; grammar testing; speech understanding systems
- FROBERG, Carl-Erik, Department of Numerical Analysis, Solvegatan 14, Lund, SWEDEN
- FROMKIN Victoria A. Professor of Linguistics, University of California, Los Angeles 90024
- FUTAMURA, Yoshihiko. Central Research Laboratory, Hitachi Ltd., Kokubunji, Tokyo, JAPAN 185

G

- GAMMON, Edward R. Department of Linguistics, Fresno State
University, Fresno, California 93726
- GARFIELD, Eugene President, Institute for Scientific Information
325 Chestnut, Philadelphia, Pennsylvania 19106
- GARVER, Newton, Professor of Philosophy, State University of
New York at Buffalo, 4244 Ridge Lea Rd, Buffalo 14226
- GARY, Margaret. 631 G. Street, SE. Washington, D. C. 20003
- GAWN, Peter C. 521 Fraser Avenue, Ottawa K 2A 2 RI Ontario CANADA
- GEISER, Marie. 111 de la Barre St. #511, Longueuil J4K 2T8 PQ
CANADA
- GELPERIN, David. Computer Science Department, Technion, Haifa,
ISRAEL
- GENTILHOMME, Yves. 11 Rue Linne, Paris V FRANCE
- GIBB, Daryl K. Wallsburg, Utah 84082
- GIGLEY, Helen M. 25 North St., Hingham, Massachusetts 02043
- GILMAN, E. W. G and C Merriam Company, Springfield, Massachusetts
01101
- GINGELL, Robert A., Jr. 5320 Dorset Avenue, Chevy Chase,
Maryland 20015
- GLASERSFELD, Ernst von. 555 Riverhill Drive, Athens, Georgia 30601
- GLICKERT, Peter. 140 Twelfth Street SE., Washington, D.C. 20003
- GOLDBOGEN, Geof. 14 IB Lake Shore Park, Watervliet, New York 12189
- GOLDMAN, Neil M. USC Information Sciences Institute, 4676 Admir-
alty Way, Marina del Rey, California 90291. Semantic repre-
sentation; natural language generation; automatic knowledge
domain acquisition.

- GOLDSTEIN, Gordon D. Information Systems Program Office of
Naval Research, Code 437, Arlington, Virginia 22217
Natural language processing, automatic speech recognition
and synthesis, mechanical translation
- GONNELLA, Jerome P. Cincom Systems, Inc., 2181 Victory Parkway
Cincinnati, Ohio 45206
- GOODMAN, R. H. Automatic Programming Information Centre,
Brighton College of Technology, Brighton, 7 ENGLAND
- GORDON, Alice M. Box 2425, Chapel Hill, North Carolina 27514
- GOUGH, James Jr. School of Information and Computer Science,
Georgia Institute of Technology, Atlanta 30332
- GOUGH, Philip B. Department of Psychology, University of Texas
Austin 78712
- GRABEL, David. 7 Evston St. #6, Brookline, Massachusetts 02146
- GRACE, George W. Department of Linguistics, University of Hawaii
Honolulu, 96822
- GRAITSON, Madeleine. Division of Computer Research and Technology,
National Institutes of Health, Bldg. 12A, Room 3043,
Bethesda, Maryland 20014. Medical linguistics.
- GRAVES, James H. 16980 Kercheval, Grosse Pointe, Michigan 48230
- GREEN James Sproat. Mitre Corporation, Mail Stop W-354,
Westgate Research Park, McLean, Virginia 22101
- GREENBERG, Leonard S. 2211 Malcolm Avenue, Los Angeles, California
90064
- GRIMES, Joseph E. DML-Morrill Hall, Cornell University, College
of Arts & Science, Ithaca, New York 14850
- GRISWOLD, Ralph E. University Computer Center, University of
Arizona, Tucson, Arizona 85721

GROLIER, Eric de. INTD 1 rue Montgolfier, 75003, Paris, FRANCE

GROSS, Louis. (M.I.T. Lincoln Laboratory) 28 Russell St.

Arlington, Massachusetts 02174. Speech understanding,
parallel processing, interactive graphics

GROSSMAN, Fred. 104 Oregon Avenue, Bronxville, New York 10708

GUMB, Raymond D. Associate Professor of Computer and Information
Sciences, Temple University, Philadelphia, Pennsylvania 19122
Information retrieval; logic; semantics

H

HAAS Norman. 35-20 Leverich Street, Jackson Heights New York
11372

HABERLAND, Hartmut, Roskilde Universitetscenter, P.O. Box 260,
4000 Roskilde, DENMARK

HACKER, David A. Department of Linguistics, EPB, University of
Iowa, Iowa City, 52242

HAHUM, Krause, Hagiber Haalmony 50, Tel-Aviv, 67320 ISRAEL

HALL, Wayne F. 205-28 Rockway CR, Ottawa, Ontario K2G-3S1 CANADA

HANKEY, LCDR Joan R., USN, 326 J Avenue, Coronado, California 92118

HANSON, Robert J., Jr. Department of Linguistics, University of
Wisconsin, Milwaukee, 53201. Experimental phonetics; speech
synthesis, speech recognition

HARPER R. M. Department of Anatomy, University of California
Los Angeles, 95024

HARRIS, Brian, Informatheque de Linguistique, University of Ottawa,
Ottawa, Ontario, CANADA

- HARRIS, Gary L. 424 Armstrong Hall, West Virginia University,
Morgantown, West Virginia 26506
- HARRIS, Gregory. 1433 Yale Station, New Haven, Connecticut 06520
- HARRIS, Larry R., Department of Mathematics, Dartmouth College,
Hanover, New Hampshire 03755
- HARRIS, Marion O. 14 Oak St., Morristown, New Jersey 07960
- HARROLD, John C.L. Rt. 3, Hiway 73; Gatlinburg, Tennessee 37738
- HARTWICK, Gary, P.O. Box 148, Pittsford, New York 14534
- HASHIMOTO, MANTARO J. National Inter-University Research,
Institute of Asian & African Studies, Tokyo University of
Foreign Studies, 4-51-21 Nishigahara, Kitaku; Tokyo 114, JAPAN
- HATTORI, Shiro. 1730-1- Kagetori-cho Totsuka-ku, Yokohama-shi
JAPAN 244
- HAVENS, William S. Department of Computer Science, University of
British Columbia, Vancouver, B.C., CANADA. Programming
languages for artificial intelligence; active perceptual
networks.
- HAWKINSON, Lowell B. Morningside Lane, Lincoln, Massachusetts
01773
- HAYES, Thomas, 6344 Ruger Detroit, Michigan 48211
- HAYS, Daniel G. Department of Psychology, University of Alabama,
Huntsville, 35807
- HAYS, David G. Twin Willows Court, Hamburg, New York 14075
- HEIDORN, George E. Computer Sciences Department, IBM T. J. Watson
Research Center, P.O. Box 218, Yorktown Heights, New York
10598. Natural-language man-machine dialogue; automatic
programming; digital computer simulation.

HEINZ, Federico E. 9432 Merryrest Rd., Columbia, Maryland 21045

HELLWIG, Peter Germanistisches Seminar, Karlstrasse 16,
69 Heidelberg, GFRMANY

HEMPTINNE, Evelyne de. 2 Square Mozart, 75 Paris 16, FRANCE.

HENDON, Rufus S. 804 Still Hill Road, Hamden, Connecticut 06518

HENDRIX Gary G. Artificial Intelligence Center, Stanford Research
Institute, 333 Ravenswood Avenue, Menlo Park, California 94025
Semantic representations; question answering; semantic-based
input prediction for speech.

HERMAN, L. Russell, Jr. P.O. Box 5401, Raleigh, North Carolina
27607

HERTZ, Susan. 316 Highland Road, #B206, Ithaca, New York 14850

HEYM, David R. 6769 Markwood Street, Worthington, Ohio 43085

HIGGINS, William L. 5601 Sixth Street South, Arlington, Virginia
22204

HILDUM, Donald C. Psychology Department, Oakland University,
Rochester, Michigan 48063

HILL, Archibald A. Box 8120, University Station, Austin, Texas
78712

HILL, Julianne. Box 495, Mercury, Nevada 89023

HINDS, John B. Department of English, University of the Sacred
Heart, 4-3-1 Hiroo, Shibuya, Tokyo 150, JAPAN

HINES, Theodore c. 54 North Drive, East Brunswick, New Jersey
08816

HINTON; Bruce C. United Nations, Secretariat Building, Rm 1237,
New York, New York 10017

- HIRAMATSU, Keiji. Tokyo Denki Daigaku, 2-2 Kanda-Nishikicho
Chiyoda-ku, Tokyo, JAPAN
- HOFMANN, T. R. Department of Linguistics, University of Ottawa,
K1N-6N5, Ottawa, CANADA. Semantics, theory, communication
- HOLLAN, Catherine B. 306 Washington Street, Annapolis, Maryland
21403
- HOLLAN, James D. Clarkson College of Technology, Potsdam, New
York 13676
- HOLLOPETER, Ann 4544 Hohman, Rear; Hammond, Indiana 46327
- HOLS, Edith. University of Minnesota; Duluth 55812. Stylistics;
English syntax; teaching devices.
- HOPPE, Alfred. Forschungsgruppe Limes, 5300 Bonn, Colmantstrasse
24. WEST GERMANY
- HOUGHTON, Donald B., Westinghouse Electric Corporation 2040
Ardmore Boulevard, Pittsburgh, Pennsylvania 15221
- HOUSEHOLDER, Fred W. 1808 South High, Bloomington, Indiana 47401
- HOUSEMAN, Edward M. GTE Laboratories, 40 Sylvan Road, Waltham,
Massachusetts 02154
- HOWELL; Edgar C. 5 Cologne 1, Hansaring 19, GERMANY
- HUESTIS, Jeffrey C. K-8 Colony Apartments, Chapel Hill, North
Carolina 27514
- HULL, Alex P., Jr. Texas Technological College, Box 4285, Lubbock,
Texas 79409
- HULL, Cynthia C. System Development Corporation, 2500 Colorado
Avenue, Santa Monica, California 90404
- HUMMEL, Donald J. 11140 Powder Horn Drive, Potomac, Maryland 20854

HUNTER, Lawrence. Department of Mathematics, IUPUI, 1201 E. 38th
Street, Indianapolis, Indiana 46205

HUNTSMAN, Jeffrey F. Department of English, Indiana University,
Bloomington, Indiana 47401. Lexicography; machine lemmatiza-
tion; textual interrelations.

HWANG, Ching-Lai. Department of Industrial Engineering, Kansas
State University, Manhattan, 66502

HWANG, Constance. 1931 McGee Avenue, Berkeley, California 94703

I

INGERMAN, Peter Zilahy. 40 Needlepoint Lane, Willingboro, New
Jersey 08046

ISNER, Dale W. 5329 Beeler Street, Pittsburgh, Pennsylvania 15217

IVALDI, Bernard. 150-72 Village Rd. #104-D, Jamaica, New York
11432

J

JACKSON, Charles J., S.J. 2001 37th Avenue, San Francisco, Cal-
ifornia 94116

JACOBSEN, J. Computer Center, University of Washington, Seattle
98105

JAMES, E.B. Imperial College, 48 Princes' Gardens, London S.W. 7
ENGLAND

JERNUDD, Bjorn H. Ford Foundation, Cairo Field Office, 320 East
43rd Street, New York 10017

JOKOVICH, Nancy. 5049 7th Road South #102, Arlington, Virginia
22204

JONES, C. Stanley. 14 Rockcliffe Way, Ottawa, Ontario K1M 1B1,
CANADA

JONES, Gerain 17142 Paine Circle, Santa Ana, California 92705

JONES, Randall L. Department of Modern Languages & Linguistics,
Morrill Hall, Cornell University, Ithaca, New York 14850

JONES, Robert. University of Southern California Testing Bureau,
Los Angeles, California 90007

JOSHI, Aravind K. Department of Computer & Information Science,
R, 268 Moore School, University of Pennsylvania, Philadelphia
19174. Syntactic and semantic representations; mathematical
linguistics and logic; artificial intelligence.

K

KALME, Charles I. Department of Psychology, Indiana University,
Bloomington, Indiana 47401

KANCHANAWAN, Nitaya. Box U-1326 FSU Tallahassee, Florida 32313

KANTOR, Robert. Center for Research in Social Behavior, 111
Steward Road, University of Missouri, Columbia 65201

KAPLAN, Ronald M. Xerox Palo Alto Research Center, 3333 Coyote
Hill Road, Palo Alto, California 94304. Psycholinguistic
models; syntax; dialogue.

KARPINSKI, Edward R. 885 Dewey Street, Union, New Jersey 07083

KARWAN, Ravinder. Academy Computing Corporation, 3535 N.W. 58th,
Suite 102, Oklahoma City, Oklahoma 73112. Artificial intel-
ligence; gaming.

KASSLER, Michael. 4815 Chesapeake Street, NW, Washington DC 20016

KAUTZ, William H. Stanford Research Institute, Menlo Park
California 94025

- KAY, David G. 4056 Stoneybrook Drive, Sherman Oaks, California
91403
- KAY, Martin. Xerox Palo Alto Research Center, 3180 Porter Drive,
Palo Alto, California 94304
- KEHLER, T. P. Department of Mathematics, Texas Woman's University,
Denton, Texas 76204
- KELLER, Eric. 236 Camelia Avenue, Ottawa, Ontario K1K 2Y1 CANADA.
- KELLER, E. Robert 2nd. Concord Way, Chadds Ford, Pennsylvania
19317
- KEMPTON, Willett M. Department of Anthropology University of
Texas, Austin 78712
- KETTNER, Norman. 307 14th Street, Santa Monica, California 90402
- KIBLER, Tom R. Computer Center, Georgia State University,
University Plaza, Atlanta 30303
- KIMBALL, John. Department of Linguistics, Indiana University
Bloomington 47401
- KING, Margaret Istituto per gli Studi Semantici e Cognitivi,
Villa Heleneum, 6976, Castagnola, SWITZERLAND
- KING, Patricia A. 513 E. Monte Vista Avenue, Vacaville, Califor-
nia 95688
- KINGHORN, Carol A. Box 94, Old Westbury, New York 11568
- KITTREDGE, Richard I. 5454 Clanranald, Montreal 248, Quebec, CANADA
- KLEIN, Sheldon. Departments of Computer Sciences and Linguistics
University of Wisconsin, 1210 W. Dayton Street, Madison, 53706
Simulation of language contact models; text grammars--auto-
mated testing and inference; simulation meta-theory of lang-
uage based behavior.

- KLEINECKE, David. General Electric Tempo, Drawer QQ, Santa Barbara, California 93101
- KLEINER, Eugene M. 1918 Queen Avenue South, Minneapolis, Minnesota 55405
- KLINGBIEL, Paul H. Directorate of Development, Defense Documentation Center, Cameron Station, Alexandria, Virginia 22314
Indexing and retrieval vocabularies; thesaurus construction; lexicographic syntax and statistics.
- KLINGER, Alfred R., Jr. C. G. E./ Raytas, Via Milano, 255 20021 Baranzate (MI) ITALY
- KLUTE, Robert D. 2179 Pacific Avenue, San Francisco, California 94115
- KNAUS, Rodger. School of Social Sciences, University of California Irvine, 92664
- KNISBACHER, Jeffrey M. 4528 Maryknoll Road, Baltimore, Maryland 21208
- KNUETTEL, George M. Language Training, Northrop Aircraft Corporation, Northrop (411) PO New York, N.Y. 09616
- KOUBOURLIS, Demetrius J. Department of Foreign Languages, University of Idaho Moscow, Idaho 83843
- KRESSIN, Karen S. 1600 W. 4th Street #15, Lawrence Kansas 66044
- KROLLMAN, Friedrich. Bundessprachenamt, 503 Hurth, Horbeller Strasse, GERMANY
- KRULEE, Gilbert K. Departments of Linguistics and Computer Sciences Northwestern University, The Technological Institute, Evanston Illinois 60201. Artificial Intelligence; natural language processing.

KUCERA, Harry. Box E, Brown University, Providence, Rhode Island
02912

KUCH, T. D. C. Bureau of Biomedical Science, Consumer Product
Safety Commission, Room 707, 5401 Westbard Avenue, Bethesda
Maryland 20207. Computer alphabetization and filing; auto-
matic indexing; character sets.

KUIPERS, John W. 190 Concord Road, Weston, Massachusetts 02193

KUNO, Susumo, Department of Linguistics, Harvard University,
Cambridge, Massachusetts 02138

KURMEY, W. J. 25 St. Mary Street #2402, Toronto 189, Ontario
M4Y 1R2 CANADA

KUSANAGI, Yutaka. Department of East Asian Languages, University
of Hawaii, Honolulu 96822

L

LaFRANCE, Jacques E. Academic Computer Center, Wheaton College,
Wheaton, Illinois 60187

LAMB, Sydney M. Yale Graduate School, New Haven, Connecticut 06520

LANDAU, Robert. 3514 Plyers Mill Road, Kensington, Maryland 20795

LANDER, Herbert J. Los Angeles State College, 5151 State College
Drive, Los Angeles, California 90032

LANDRY, Bertrand C. 617-D, Wescoat Court, Mt. View, California
94043

LANDSBERGEN, S. P. J. t Geluk 7, Geldrop, THE NETHERLANDS

LANE, Carol L. 5305 Hesperus Drive, Columbia, Maryland 21044

LANG, Friedrich H. Margaretenstrasse 3, 1040 Wien, AUSTRIA

- LANG Patricia Ann. Southwest Regional Laboratories, 4665 Lampson Avenue, Los Alamitos, California 90720
- LANTNER, Karen Williams. 10355 Sannois Drive #4, Creve Coeur, Missouri 63141
- LARA, Luis Fernando. Diccionario del Espanol de Mexico, El Colegio de Mexico, Guanajuato 125, Mexico 7, D.F. Lexicography and semantics.
- LAU, Gerd. Buttgasse 14a, D-5303 Waldorf/Bonn, GERMANY
- LAUBSCH, Joachim H. Institut für Informatik, Universität Stuttgart D 7 Stuttgart, Herdweg 51, GERMANY
- LAWFORD, Hugh. 1020-171 Slater Street
- LAWRENCE, Marlene. 290-34-7521, Summer Institute of Linguistics, USAID/ADRR/VOLAG, APO, San Fransisco, California 96243
- LEAL, William, Summer Institute of Linguistics, Box 115, Kathmandu NEPAL
- LEBAN, Carl. Oriental Languages and Literatures, University of Kansas, Lawrence 66045. Chinese, Japanese, and Korean graphics; concordancing Asian language texts; logographic deep structure.
- LEE, Hans. Computer Science, Michigan State University, East Lansing, Michigan 48824
- LEHMANN, Winfred P. Box 8148 University Station; University of Texas, Austin, 78712
- LEIBOWITZ, Michael B. 197 Penn Lane, Rochester, New York 14625
- LEMMENS, Henry J. CSSP. Duquesne University, Pittsburgh, Pennsylvania 15219.
- LENTZ, Leon J., Jr. P.O. Box 5039, San Francisco, California 94101
- LESINSKI, Jeff. 1241 Staley Road, Grand Island, New York 14072

LEVINE, Lewis 82 Nassau Road, Great Neck, New York 11021

LEVINE, Marilyn, 4210 N. Farwell, Shorewood, Wisconsin 53211

LEWIS, Kathleen P. 11530 Highview Avenue, Silver Spring,
Maryland 20902

LIBBEY, Miles A. Olcott Lane, Bernardsville, New Jersey 07924

LIE, Svein. Nordisk Institut, University of Oslo, Blindern,
Oslo 3, NORWAY

LINEWEAVER, Joe R. 1121 Clark Avenue, Ames, Iowa 50010

LOCHNER, R. K. An der Alster 26, 2 Hamburg 1, WEST GERMANY

LONGYEAR, Christopher. Department of English GN-30, University
of Washington, Seattle, 98105

LOONEN, P. L. Boslaan 49 Zuidhorn, Arnhem, NETHERLANDS

LOWE, Ivan. Summer Institute of Linguistics, Caixa Postal 2111
Brasilia, D.F. BRAZIL

LYTLE, Eldon G. 321 N. 400 W., Orem, Utah 34057

M

MACKAAY, Ejan. Faculty of Law, University of Montreal, C.P. 6128
Montreal 101 CANADA

MADERO, Eileen McEntee de. Department de Ciencias de la Comunica-
cion, Instituto Tecnológico de Monterrey, Monterrey, NL, MEXICO

MADISON, David P., Jr. Texas Instruments, Inc. P.O. Box 2237
Huntsville, Alabama 35801

MADSEN, Betty M. 406 Park Building. University of Utah, Salt
Lake City; Utah 84112

MAEGAARD, Bente. Selskraenten 49, 2500 Valby, DENMARK

- MAGNUSON, Leonard H. Vocal Interface, 270 Concord Street,
Framingham, Massachusetts 01701
- MAGNUSSEN, Kjell L. SED Systems Ltd. P.O. Box 1464, Saskatoon,
Saskatchewan, S7K 3P7, CANADA
- MAKHOUL, John. Bolt Beranek and Newman, Inc. 50 Moulton Street,
Cambridge, Massachusetts 02138
- MAKKAI, Valerie Becker. English Department, University of Illinois
at Chicago Circle, Chicago, Illinois 60680
- MALMSTROM, Jean. 1324 Long Road, Kalamazoo, Michigan 49008
- MANTEI, Marilyn. Building 50B, Rm 3238, Lawrence Berkely Laboratory
University of California, Berkeley, 94720
- MARCHL, Herbert. Informationsabteilung, R. Oldenbourg Verlag,
Rosenheimer Strasse 145, Munich 8, GERMANY
- MARCUS, Richard S. Electronic Systems Laboratory, Massachusetts
Institute of Technology, Room 35-406, Cambridge, 02139
Referential semantic analysis; natural language for informa-
tion retrieval; ambiguity resolution.
- MARCY, Nancy. 377 Washington Street, Norwich, Connecticut 06360
- MARDER, Louis. Department of English, University of Illinois at
Chicago Circle, Box 4348, Chicago 60680
- MARKOWITZ, Judith. 7450 N. Artesign, Chicago, Illinois 60645
- MARTINDALE, Colin. Department of Psychology, University of Maine,
Content analysis; literary stylistics; EEG correlates of
speech content
- MARTINEZ, Bernadette. Residence Les Noisetiers, 1 Rue Dominique
Ingres, Orleans, 45100 FRANCE
- MARTINS, Gary R. The Stonehenge Systems Laboratory,

15450 Cohasset Street, Van Nuys, California 91406

MASON, James A. Atkinson College - York University, Department
of Computer Science and Mathematics, 4700 Keele Street
Downsview, Ontario CANADA M3J 2R7

MATHIAS, Gerald B. East Asian Languages & Literatures, Goodbody
248, Indiana University, Bloomington 47401

MATHIAS, Jim. C.E.T.A. 9811 Connecticut Avenue, Kensington,
Maryland 20795. Computer processing of Chinese language
materials; develop aids for Chinese-English translation;
develop government/academic exchange.

MAURER, Lynda. 19 Hunterdon Road, Murray Hill, New Jersey 07974

MAXWELL, Edward R. 30076, Department of Linguistics, Northeastern
Illinois University, Bryn Mawr at St. Louis Avenue, Chicago
60625

MAZLACK, Lawrence J. 202 Glasgow North, Guelph, Ontario CANADA

McALLISTER, Caryl K. IBM GS Wiss. Verwaltung, 5300 Bonn,
Bonn Center, Bundeskanzlerplatz, WEST GERMANY

McCALLUM, John. Systems Engineering Department, College of
Petroleum and Minerals, Dhahran, SAUDI ARABIA

McCLARAN, Marlys. Department of Anthropology, University of
California, Los Angeles, 90024. Linguistics; lexical
structures; Mayan languages.

McCORD, Michael C. Department of Mathematics, University of
Kentucky, Lexington 40506

McDONALD, David 1510 W. 33rd Avenue, Vancouver, B.C.. V6M 1A7 CANADA

McDONALD, David D. Artificial Intelligence Laboratory, Massachu-
setts Institute of Technology, Room 824, 545 Technology Square

Cambridge, 02139. Computer generation of fluent, appropriate natural language; language understanding systems, especially Winograd's SHRDLU.

McGEHEE, Edward M. 1325 East Lake Drive, Ft Lauderdale, Florida
33316

McGOFF, John 2532 18th St. N., St. Petersburg, Florida 33713

McINTOSH, Stuart D. P.O. Box 28, M.I.T. Branch, Cambridge,
Massachusetts 02139

McKERCHER, David A. 673 Farmington Avenue, Ottawa, Ontario, K1V 7H4
CANADA

McQUOWN, Norman A. 1126 E. 59th Street, Chicago, Illinois 60637

MELBY, Alan K. 951 E. 150 North, Provo, Utah 84601

MEL CUK, I. A. Marx-Engels Street 1/14, Moscow, G-19, U.S.S.R.

MELLEN, Gregory E. Sperry Univac - M.S. 9203, P.O. Box 3525;
St. Paul, Minnesota 55165

MEPHAM, Michael. Department of Linguistics, Universite Laval,
Faculte des Lettres, Quebec, G1K 7P4 CANADA Linguistic
constraints in speech recognition; analysis of language
teaching texts.

MERSAND, Joseph. 166-05 Highland Avenue, Jamaica, New York 11432

MESEROLE, Harrison T. Pennsylvania State University,
117 Burrowes Building, University Park, Pennsylvania 16802

MEYERS, Roy. Department of Mathematics, Ohio State University
231 West 18th Avenue, Columbus 43210

MICHLES, Gabriele A. 1188 Smithfield Street, State College,
Pennsylvania 16801

- MILICIC, Vladimir. Department of Foreign Languages, W. Washington State College, Bellingham 98225
- MILLER, Edward P. Department of Information Science, 109 Stewart Hall, UM - C, Columbia, Missouri 65201
- MILLER, Frederick G. 67 Woodlawn Avenue, Poughkeepsie, New York 12601
- MILLER, J. Philip. 1923 Sidney Street, St. Louis, Missouri 63104
- MILLER, John R. 3739 Marlborough Way, College Park, Maryland 20740
- MILLER, Mark Leslie. (Artificial Intelligence Laboratory, M.I.T.)
19 Coral Avenue #F3, Winthrop, Massachusetts 02152.
Artificial intelligence; cognitive psychology; computational linguistics.
- MILLER, Perry L. 349 Broadway, Cambridge Massachusetts 02139
- MILLER, Richard J. Academic Computer Center, St. Olaf College, Northfield, Minnesota 55057. Systems programming and operating systems.
- MILLWARD, Richard B. Psychology Department, Brown University Providence, Rhode Island 02912
- MINNER, Jack. 6913 Millwood Road, Bethesda, Maryland 20034
- MIRON, Murray S. 501 Huntington Hall, Syracuse University, Syracuse, New York 13210
- MISEK, Linda D. Computer Science Studies, Vassar College, Poughkeepsie, New York 12601
- MOLL, Joy K. 9 East Harris Avenue, Moorestown, New Jersey 08057
- MONDEAUX, P. V. 706 Laurel Avenue, W. Allenhurst, New Jersey 07711
- MONTGOMERY, Christine A. Operating Systems, Inc. 18345 Ventura Boulevard, Tarzana, California 91356

- MORAN, Douglas B. 819 Brown Street #6, Ann Arbor, Michigan 48104
- MORIN, Jean-Yves. 7696 Sagard Street, Montréal Quebec, CANADA H2F
2T2
- MORTON, Sara E 5715 S. Kimbark, Chicago, Illinois 60637
- MOSHELL, Michael. Computer and Information Science Departments
Ohio State University Columbus 43210
- MOYNE, John A. Computer Science Department, Queens College,
City University of New York, 80-29 222 St. Queens Village
New York 11427. Linguistics theory of formal languages and
automata; computer science.
- MULLEN, Karen A. SIGLASH Editor, University of Iowa, Department
of Linguistics, Iowa City, 52240
- MYERS, Oliver T. Department of Spanish & Portuguese Languages
University of Wisconsin, Milwaukee 53201. Medieval Spanish
Literature, Spanish Metrics
- MYLOPOULOS John. Department of Computer Science, University of
Toronto, Toronto 181 CANADA M5S 1A7

N

- NADO, Robert A. Mental Health Research Institute, University of
Michigan, 205 Washtenaw Place, Ann Arbor, 48104
- NAGAO, Makoto. Kyoto University, Department of Electrical
Engineering, Sakyo, Kyoto, JAPAN
- NAKE, Frieder. University of Bremen, Department of Electrical
Engineering, 28-Bremen, WEST GERMANY
- NASH-WEBBER, Bonnie. Artificial Intelligence Department,
Bolt Beranek and Newman Inc., 50 Moulton Street, Cambridge

Massachusetts 02138. Semantics and speech understanding.

NEEDHAM, Karen. 7 Brook Lane, Coton, Cambridge, ENGLAND

NEEDHAM, Roger. 7 Brook Lane, Coton, Cambridge, ENGLAND

NEIGHBORS, James. P.O. Box 5017, Irvine, California 92664

NEMSER, William. c/o A. Issatschenko, Seegasse 25,

9020 Klagenfurt, AUSTRIA

NEWCOMB, William B. Center for Communications Research, 50 Main

Street West, Rochester, New York 14614

NEWELL, J. M. Box 4297 Station A. Dallas, Texas 75208

NICHOLAS, David Wood. 40-09 Fox Run Drive, Plainsboro, New Jersey

08536

NIEDZIELSKI, Henri, Professor of European Languages, University

of Hawaii, Honolulu 96822. Language and Literature; generative semantics; cultural anthropology.

NIELSON, James R. 156 Fleetwood Te., Silver Spring, Maryland 20910

NIX, D. H. IBM Corporation, 2651 Strang Boulevard, Yorktown Heights

New York 10598

NOEL, Jacques. Allee de la Cense Rouge, 50. B-4200 Ougree, BELGIUM

NOVAK, Gordon, Jr. 600 S. First #104, Austin, Texas 78704

NUNES; R. S. Laboratorio Calculo Automatico, R. das Taipas 135,

Universidade do Porto, Porto, PORTUGAL

0

OBLANDER, Robert L. 5404 N. Venetian Drive, Kansas City, Missouri

64151

OBLOCK, Gary. 1070 Cook St., Denver, Colorado 80206

- O CONNOR, John. Center for Information Science, Linderman Library
Lehigh University, Bethlehem, Pennsylvania 18015
- OETTINGER, Anthony. Harvard Computation Laboratory, Harvard
University, Cambridge; Massachusetts 02138
- OHMAN, Sven. Professor of Linguistics, Uppsala University,
Kungsgatan 36, S-753 21 Uppsala, SWEDEN
- OLIVER, Horace G. Jr. 352 Sylvan Avenue, Leonia, New Jersey 07605
- OLNEY, John 2522 Beverly Avenue, Santa Monica, California 90405
- O MALLEY, Michael H. Phonetics Laboratory, 180 Frieze Building
University of Michigan, Ann Arbor 48104

P

- PACAK, Milos. Division of Computer Research & Technology,
National Institutes of Health, 4970 Battery Lane, Bethesda
Maryland 20014. Language data processing; medical linguistics
- PAGE, Ellis B. University of Connecticut, Storrs, 06268
- PAILLET, Jean Pierre, Professor of Linguistics, Carleton University.
Colonel By Drive, Ottawa, Ontario K1S 5B6 CANADA
- PALA, Karel. Kaloudova 20, 614 00 Brno 14, CZECHOSLOVAKIA
- PANKOWICZ Zbigniew L. 105 Stanwix Street, Rome, New York 13440
- PARTEE, Barbara H. Department of Linguistics, South College,
University of Massachusetts, Amherst, 01002
- PASSAFIUME, Joseph J. Bolt Beranek and Newman, Inc. 50 Moulton
Street, Cambridge, Massachusetts 02138
- PAXTON, William H. 3529 Laguna Court, Palo Alto, California 94306
- PEARSON, Gregory. 109 Judd Falls Road, Ithaca, New York 14850

- PECK, George B. Mathematics Department, A. S. U. Tempe, Arizona
85281
- PEIRANI, Roberto. Via Pisana Buchinga 16 Lucca, Masa Pisana ITALY
- PEPPER, Paul M. 517 E. Schreyer Place, Columbus, Ohio 43214
- PERIMUTTER, Jane. Department of Psychology, University of
Massachusetts, Amherst, 01002
- PERRIENS, Matther P. 19024 Coltfield Court, Gaithersburg, Mary-
land 20760
- PETERS, Ann Marie, Pacific and Asian Linguistic Institute, Moore
Hall, University of Hawaii,
- PETERSON, John L. 1232 Birch Road 0430
- PETRICK, S. R. 2355 Mark Road, Yorktown Heights, New York 10598
- PFLUEGER, Solveig M. V. 3100 Wheeler, Austin, Texas 78705
- PHILLIPS, BRIAN. Department of Information Engineering, University
of Illinois, Chicago Circle, Box 4348, Chicago 60680
- PHILLIPS, Bruce C. 5322 Neville Court, Alexandria, Virginia 22310
- PLATH, Warren. IBM T. J. Watson Research Center P.O. Box 218
Yorktown Heights, New York 10598
- POLLOCK, Joseph J. 967 Caniff Place, Columbus, Ohio 43221
- PORCH, Ann. Department of Information & Computer Science,
University of California, Irvine, 92664
- POST, Paul B. 61 Rampart Road, Norwalk, Connecticut 06854
- POTIN, Monique. Recherche Economique, Hydro-Quebec
Public utilities and economy of energy. Management of
documentation system in business.
- POWER, Ellen. University College Dublin, Belfield, Dublin 4
IRELAND

- PRATT Vaughan R. MIT Artificial Intelligence Laboratory, 545
Technology Square, Cambridge, Massachusetts 02139
- PRICE, C. B. 4615 North Park Avenue, #320, Chevy Chase,
Maryland 20015
- PRIDEAUX, Gary D. Department of Linguistics, University of
Alberta, Edmonton, Alberta CANADA T6G 2H1
- PRONKO, Eugene. Program Director, National Science Foundation
Washington, D. C. 20550
- PROSS, Earl A., Jr. 307 Rodman Avenue, Jenkintown, Pennsylvania
19046
- PURDY Strother B. 3432 N. Lake Drive, Milwaukee, Wisconsin 53211

R

- RAABE, David M. 5702 Mayberry, Omaha, Nebraska 68106
- RABEN, Joseph. Computers and the Humanities, Queens College,
City University of New York, Flushing; New York 11367
- RABINOWITZ, Art S. Rockwell International Corporation, Dept. 521
Ha40, 3370 Maraloma Avenue, Anaheim, California 92803
- RADER, Gary M. Moore School, 33rd and Walnut, Philadelphia
Pennsylvania 19174
- RADIMSKY, Anne-Louise. Electrical Engineering Department.
University of California, Davis. 145 Hartnell Place
Sacramento, California 95825. Semantic processing; natural
language input; semantic representation.
- RAHIMI, M. A. Department of Computer Science, Michigan State
University, East Lansing, 48824

RAMEH, Clea. Alameda Tietê 288 #4-A, Sao Paulo -- SP BRAZIL

RAMOS, Luis Fernando Lara. El Colegio de Mexico - DEM.
Guanajuato #125, Col. Roma, MEXICO 7, D.F.

RAMSEY, H. Rudy. 1385 S. Ward Way, Lakewood, Colorado 80228

RANSOM, Evelyn. 1807 B Sangamon Drive, Champaign, Illinois 61820

RAPHAEL, Bertram. 176 Osage Avenue, Los Altos, California 94022

RASKIN, Victor. Institute of Philosophy, Hebrew University,
Jerusalem, ISRAEL

RAU, Paul. Munchen 2, Barerstrasse 38/40, WEST GERMANY

RAY, Jerry L. 1518 South 27th Street, Omaha, Nebraska 68105

RAY, Richard E. English Department, Indiana University of Pennsyl-
vania, Indiana, Pennsylvania 15701

RAZE, Carol. 160 West 96th Street, New York, New York 10025

REEKER, Larry H. Department of Computer Science, University of
Oregon, Eugene, 97403

REINING, Conrad. American Anthropological Association,
1703 New Hampshire Avenue, N.W., Washington, D. C. 20009

REISNER, Phyllis. IBM Research Center, Monterey and Cottle Roads,
San Jose, California 95193

REITER, Raymond. Department of Computer Science, University of
British Columbia, Vancouver, B.C. CANADA

REMDE, Joel R. Blackberry Lane, Morristown, New Jersey 07960

REVENS, Lee. Managing Editor, Computing Reviews, 211 East 43rd St.
New York, N.Y. 10017

RHYNE, James R. 9214 Linkmeadow, Houston, Texas 77025

RICE, Lloyd. 821 Pacific Street #4, Santa Monica, California 90405

- RIEGER, Charles J., III. 8610 Mayfair Place, Silver Spring,
Maryland 20910
- RINALDO, Frank. P.O. Box 2275, Chicago, Illinois 60690
- RIVAS, Alberto M. Department of Linguistics, Massachusetts
Institute of Technology MIT 20E-219, 77 Massachusetts Avenue,
Cambridge, 02139. Phonological theory; Spanish syntax;
South American Languages
- RIVVENS, David. Université de Liege, Service d'Informatique,
Avenue des Tilleuls, 53. B-4000 Liege, BELGIUM
- RIX, Astrid P. 8 Appleton Road, Bloomfield, New Jersey 07003
- ROACH, John. Computer Science Department, 330 Painter Building,
University of Texas, Austin 78712
- ROBERTS, A. Hood. Deputy Director, Center for Applied Linguistics,
1611 North Kent Street, Arlington, Virginia 22209
- ROBINSON, Harold O. 52 West End Avenue, Trenton, New Jersey 08618
- ROBINSON, Jane. Artificial Intelligence Center, Stanford Research
Institute, Menlo Park, California 94025. Syntax; discourse;
performance grammar
- ROGERS, David Ellis. School of Information & Computer Science
Georgia Institute of Technology, Atlanta 30332
- ROOCH, Melvin R., Captain. USDAO Box 2, American Embassy, APO SF
96263
- ROOSEN-RUNGE, Peter H. Computer Science Department, York Univer-
sity, 4700 Keele Street, Downsview, Ontario, CANADA
Mathematical linguistics; general systems theory.
- ROSENSCHEIN, Stanley J. 275 Bryn Mawr Avenue E-3, Bryn Mawr,
Pennsylvania 19010

ROSETTI, A. Centrul de Cercetari Fonetice si Dialectale,
Calea Victoriei 194, Bucharest, ROMANIA

ROTHACKER, Kenneth C. 101-19 109 Street, Richmond Hill, New
York 11419

RUBENSTEIN, Herbert. Center for Information Sciences, Room 302
Linderman Library, Lehigh University, Bethlehem Pennsylvania
18015

RYAN, Ellen Bouchard. Department of Psychology, University of
Notre Dame, Notre Dame, Indiana 46556. Psycholinguistics;
question-answering systems.

S

SAGER, Naomi. Linguistic String Group of New York University
2 Washington Square Village, 2B. New York, New York 10012

SAGVALL, Anna-Lena. U.D.A.C. Box 2103, 75002 Uppsala 2 SWEDEN

SALKOFF, Morris. Universite de Paris-7, L. A. D. L. 2, Pl. Jussieu,
Paris 5, FRANCE

SALLEE, William C. Cooperstown G-208, Lexington, Kentucky 40508

SALTON, Gerard. Department of Computer Science, Cornell University
Upson Hall, Ithaca, New York 14853. Information retrieval;
automatic text processing.

SAMELSON, K. Mathematisches Institut, Technischen Hochschule
8 Munchen 2 Arcisstrasse 21, GERMANY

SAMMET, Jean E. Programming Language Technology Department, IBM.
545 Technology Square, Cambridge, Massachusetts 02139
Programming languages; natural language communication with
computers.

SAMUELS, Allan I. 1604 Spreckels Lane, Redondo Beach, California
90278

SAMUELSDORFF, Paul O. Seminar für Vergleichende Sprachwissenschaft
der Universität, 5 Köln-Lindenthal 41, WEST GERMANY

SANGSTER, Barbara C. Human Interface Systems, 498 Oakmont Road,
Hoffman Estates, Illinois 60172. Natural language interpre-
tation and generation; text-compression; man-machine communi-
cation; error tolerance.

SANKOFF, David. Centre de Recherches Math. Université de Montreal,
C.P. 6128 Montreal 101, Quebec, CANADA

SANTOSUOSSO, Alfred A. 1017 Ann Street, East Lansing, Michigan
48823

SATYANARAYANA, P. 3-113 Coord. Sci. Lab. University of Illinois,
Urbana, 61801

SAVIDGE, David V. Apt. 203-7525 McWhorter Place, Annandale,
Virginia 22003

SAWIN Lewis. Hellem 162, University of Colorado, Boulder 80302

SAYRE, Rich. 4700 Lake Park #403, Chicago, Illinois 60637

SCHAFER, Scott James. 3778 S. 84th #1, Milwaukee, Wisconsin 53228

SCHANK, Roger. Computer Science Department, Yale University,
New Haven, Connecticut 06511. Computer understanding of
natural language; reasoning and memory models.

SCHENK, Roland. 92 Harley Street, London, W1N 1AF ENGLAND

SCHMIDT, Charles F. Professor of Psychology, Rutgers University
New Brunswick, New Jersey 08903

SCHNEIDER, Ben R, Jr. Lawrence University, Appleton, Wisconsin
54911

SCHNEIDER, Klaus. Zentralstelle für maschinelle Dokumentation

6 Frankfurt/Main - Niederrad, Herriotstrasse GERMANY

SCHOU, Jens. Romansk Institut, University of Copenhagen, Dyrkøb 3,

Copengagen K, DENMARK

SCHREIBER, Alvin L. 16 Lake St. #4F, White Plains, N.Y. 10601

SCHUEGRAF, Ernst. Department of Mathematics, Box 55, St. Francis

Xavier University, Antigonisit, NS CANADA

SCHULTZ, Louise. 19 Crescent Hill Drive, Havertown, Penna. 19083

SCOTT, Sari. 907 Hill Street, Greensboro, North Carolina 27408

SEBEOK, Thomas. 1104 Covenanter Drive, Bloomington, Indiana

47401

SEDELOW, Sally Y. Division of Computer Research, National Science

Foundation, 1800 G Street N.W., Washington D.C. 20550

SEWELL, Winifred. 6513 76th Place, Cabin John, Maryland 20034

SHAPIRO, Sonya. Suite 709, 1600 Beacon Street, Brookline,

Massachusetts 02146

SHAPIRO, Stuart C. Computer Science Department, 101 Lindley Hall

Indiana University, Bloomington 47401. Semantic networks;

representing and carrying out inferences; computer assisted

instruction.

SHEIL, Beau. Applied Math & Psychology Departments, Harvard

University, 1250 William James Hall, Cambridge, Massachusetts

02138. Parsing theory; semantic representation.

SHEN, Mok-Kong. Postfach 74, Munchen 34, GERMANY

SHIMODA, Gary I. 446 S. 152nd Street #15, Seattle, Washington 98148

SHIRAKAWA, Hiromitsu. Electrotechnical Lab. 2-6-1 Nagata-Cho

Chiyoda-Ku, Tokyo, JAPAN

SHIRATO, Ichiro. Department of East Asian Languages, Columbia University, 520 Kent Hall, New York, New York 10027

SHORE, Richard A. 28 Lake Drive South, Riverside Connecticut 06878

SHOUP, June E. 800 Miramonte Drive, Santa Barbara, California 93109

SIEGEL, Jeff R. 15 Appalooja Avenue, Pelham, New Hampshire 03076

SILVA, Georgette. 10541 Strathmore Drive, Los Angeles, California 90024

SIMMONS, Asa B. 20132 Woodstock Court, Yorba Linda, California 92686

SIMMONS, Robert F. Department of Computer Sciences, University of Texas, Austin 78712

SIRAJ, Arif. 1330 W. Fargo Avenue #4-F, Chicago, Illinois 60626

SLABEY, Theodore M. Department of Computer and Information Sciences South Hall Mansfield State College, Mansfield, Pennsylvania 16933

SLOCUM, Jonathan, Computer Sciences, University of Texas, Austin, 78712. Natural language processing; artificial intelligence; programming languages and systems.

SMABY, Richard M. 4517 Larchwood Avenue, Philadelphia, Pennsylvania 19143

SMALL, Dana L. 2391 Ridgeview Drive, San Diego, California 92105

SMITH, Donald. Curriculum in Linguistics, University of Georgia, Athens, 30601

SMITH, E. Kenton. 607 W. University, Rochester, Michigan 48063

SMITH, J. M. 6 Sevenoaks Avenue, Heaton Moor, Stockport, Cheshire
SK4 4AW, ENGLAND

SMITH, Michael K. Department of Computer Science, University of
Texas, Austin 78712. Artificial intelligence; semantic
automata

SMITH, Philip H., Jr. 20 John Street East, Waterloo, Ontario CANADA

SMITH, Raoul. Department of Linguistics, Northwestern University
Evanston, Illinois 60201

SMITH, Robert L. 816 17th Avenue, Menlo Park, California 94025

SOCOLOFSKY, Thomas C. 2756 E. Grand River, Lot C-14, East Lansing,
Michigan 48823

SOLON, Peter. Department of Linguistics, California State
University, Fullerton, 92634

SONDHEIMER, Norman K. Department of Computer and Information
Science, Ohio State University, 103 Caldwell Laboratory,
2024 Neil Avenue, Columbus 43210. Semantics; pragmatics;
machine control.

SOUL, M. J. Department of Computer Science, University of
Manchester, 12 Foxhill Drive, Leeds 16, W. Yorkshire ENGLAND
Computer parsing; systemic grammar; reference determination

SOULE, Stephen. Department of Mathematics, University of Calgary,
Alberta, T2N 1N4 CANADA

SOWA, John F. Advanced Systems Development Division, IBM
2651 Strang Blvd., Yorktown Heights, New York 10598
Artificial intelligence; conceptual networks, programming
language design.

- SPAULDING, J. Gordon. Department of English, University of
British Columbia, Vancouver 8, B.C. CANADA
- SPITZBARDT, Harry. Direktor, Section Sprachwissenschaft
Friedrich-Schiller-Universität, 69 Jena, GERMANY (DDR)
- SPROULE, Betty A. Department of Computer Science, University
of Texas, Permian Basin, Odessa, Texas 79762. Automatic
abstracting; semantic information processing
- STACHOWITZ, Rolf. Linguistic Research Center, University of
Texas, P.O. Box 7247, University Station, Austin 78712
- STANESLOW, Paul W. Department of South Asian Languages,
192 Klæber Court, University of Minnesota, Minneapolis 55455
- STARK, Donald S. Gordon College, Wenham, Massachusetts 01984
- STARKWEATHER, John A. Office of Information Systems, University
of California, San Francisco, 94122 .
- STEFFLRE, Volney. School of Social Sciences, University of
California, Irvine, 92664
- STEIN, Jess. Random House, Inc. 201 E. 50th Street, New York
New York 10022
- STERBA, Virginia (New York University) 81 Perry Street #1A,
New York, New York 10014. Transformational-generative grammar;
computer-based grammars; speech recognition and synthesis
- STERN, Paul. 1715 Q St. N.W. Washington D.C. 20009
- STEVENSON, Dale C. Linguistics Department, University of
British Columbia, Vancouver 8, BC CANADA
- STIER, Jochanan. Computing Center, State University of New York,
Stony Brook, 11794

STRAKER, Jane. Secretaria Ayudante, Oficina Internacional de
 Informacion y Observacion del Espanol, Avenida de Los Reyes
 Catolicos, S/N, Madrid, SPAIN

STREETER, Victor J 2715 Hampshire, Ann Arbor, Michigan 48104

STRONG, Suzanne, J. 6883 Sara Place, Reynoldsburg, Ohio 43068

STUTZMAN, Walter J. 708 Orange Street, New Haven, Connecticut
 06511

STYGAR, Paul. Box 282, McLean, Virginia 22101

SU, Stanley, Y. W. 227 Larsen Hall, Electrical Engineering
 Department, University of Florida, Gainesville, 32601

SUEKANE, Ryota. Maehara 3-30-4, Koganeishi, Tokyo, JAPAN

SUPPES, Patrick. Ventura Hall, Room 15, Stanford University
 Stanford, California 94305

SUPPLE, James P. 100 Varley #701. Kanata, Ontario K0A 2C0 CANADA

SWANSON, Ann M. Communications Operations Analysis Department
 Ketron, Inc. 12th Floor, Architect Bldg., 1400 Wilson Blvd.
 Arlington, Virginia 22209. Formal Language Theory; Algebraic
 Systems Theory Syntactic Pattern Recognition.

SZABO, Szilard. Department of Computer Science, University of
 San Francisco, California 94117.

T

TAGLIACOZZO, Renata. Mental Health Research Institute, University
 of Michigan Ann Arbor, 48104

TAKEUCHI, Tsuguhito. c/o R. Uchida, 39 Senouchicho Kitashira-kawa
 Sakyoku, Kyoto JAPAN

TAPPERT, Charles C. Speech Processing, Computer Science Department

IBM Research Center, P.O. Box 218, Yorktown Heights,
New York 10598

TAUBR, Paul R. 1035 South Second, Springfield, Illinois

TAYLOR, Stephen L. Computer Science Program, Wichita State
University, Box 111, Wichita, Kansas 67208. Artificial
intelligence, natural language processing; automatic abstrac-
ting and indexing.

TEDESCO, Paul A. 5221 N. Wayne, Chicago, Illinois 60640

FERRANT, Seldon W. American Chemical Society, 1155 Sixteenth Street
N.W. Washington, D.C. 20036

TESITLOVA, Marie. Professor of Mathematical Linguistics,
Ceskoslovenska Akademie Ved, Mala Strana - Letenska 4,
Prague 1, CZECHOSLOVAKIA

TEUTSCH, Ronald F. Data Processing, 400 South Fifth Street,
Minneapolis, Minnesota 55415

THARP, Alan L. Department of Computer Science, North Carolina
State University, Raleigh, 27607. Question-answering systems;
data structures for comprehension; semantics..

THOMAS, Richard B. 3607 - 35th Street, N.W., Washington D.C. 20016

THOMPSON, Bozena Henisz. California Institute of Technology
649 South Grand Avenue, Pasadena California 91105. Computa-
tional linguistics; question-answering; experiments in com-
munication.

THOMPSON, Craig. Department of Computer Science, Austin, Texas
78712 .

THOMPSON, Frederick B. California Institute of Technology
649 South Grand Avenue, Pasadena California 91105

Computational linguistics; question-answering; experiments in communication.

TOMA, Peter P. LATSEC, INC. P.O. Box 1926, 7852 Ivanhoe Avenue,
La Jolla, California 92037

TONISSON, Ivar. 129 A Escondido Village, Stanford, California
94305

TOSH, Wayne. St. Cloud State College, St. Cloud, Minnesota 56301

TOURETZKY, David. 10 Dayton Road, Edison, New Jersey 08817

TURNER, Ronald C. 6920 N. Cochran, Spokane, Washington 99208

U

URDANG, Laurence. 34 North Main Street, Essex, Connecticut 06426

USKUP, Frances Land. Borg-Warner Educational Systems
600 W University Drive, Arlington Heights, Illinois 60004
Sociolinguistics; computational linguistics; TESOL

V

VAN DER BRUGGEN, W. Federation Internationale de Documentation
7, Hofweg, I a Haye, Pays-Bas HOLLAND

VAN DER STEEN, G. J. Delfopolder 4 P B 139 Hazerswoude, Rotterdam
3, NETHERLANDS

VAN DER WOLK; J. Rondo 140, Krimpen ald Yssel, HOLLAND

VAN WOLKENTEN, Ray, Jr. Department of Information Systems
Virginia Commonwealth University, Richmond, 23220

VATER, Heinz. Institut fur Deutsche Sprache, Universitat Koln,
5 Koln 41, WEST GERMANY

- VERBURG, Pieter A. Hagepreekkamp 4, Inst. for Alg. Taalwetenschap,
Marktstraat 20, Groningen, HOLLAND
- VICKERY, Christopher. 33-28 191st St. Flushing, New York 11358
- VILLENEUVE, Winnie. Department of Literature, Laval University
Quebec, Canada. Authorship problems; computer applications
in philosophy; ancient philosophy.
- VINAY, Jean-Paul. Department of Linguistics, University of Victoria
Victoria, B.C., CANADA
- VISCOUNT, Robert R. Department of English, Kingsborough Community
College, 251 W. 89th Street; New York, New York 10024.
Applied Linguistics; discourse structure and analysis
- VIVAS, Jorge E. 40 Deepwoods Drive, Amherst, Massachusetts 01002

W

- WACHAL, Robert S. Linguistics Program -570 EPB, University of Iowa,
Iowa City, 52240
- WAHLGREN, John. Department of Modern Languages, Simon Fraser
University, Burnaby 2, British Columbia CANADA
- WAHRIG, Gerhard. D-6200 Wiesbaden, Panoramaweg 8, GERMANY
- WALKER, Donald E. Artificial Intelligence Center, Stanford Research
Center, Menlo Park, California 94025. Speech and language
understanding; artificial intelligence; computer models of
language.
- WALL, Dieter. Gesellschaft. f. Wiss. Datenverarb., mbH Gottingen
D-34 Gottengen-Nikolausberg, am Fas GERMANY
- WALL, Robert. Department of Linguistics, University of Texas,
Austin, 78712

WALTERS, T. W., S.J. University of Detroit, 4001 W. McNichols,
Detroit, Michigan 48221

WARMS, Tom M. 1000 Conestoga Road #B-234, Rosemont, Pennsylvania
19010

WARNOCK, E. H. Bolt Beranek and Newman, 50 Moulton Street,
Cambridge, Massachusetts 02138

WARREN, Scott K. Suite 212, 2715 Bissonnet, Houston, Texas 77005

WASHBURN, Donald. 211 E. Chicago Avenue, Chicago, Illinois 60611

WEBB, Frederick N. 10 Davis Road, Bedford, Massachusetts 01730

WEINER, John H. 116 Hilltop Road, Silver Spring, Maryland 20910

WEISS, Stephen. Department of Computer Science, New West Hall,
University of North Carolina, Chapel Hill, 27514

WEKEL, James Peter. 369 108th Avenue, Kimberley, B.C. CANADA
V1A 1C5

WELLS, John C. Department of German, Tufts University, Medford,
Massachusetts 02155

WENDORFF, Erwin R. 1303 Garden Lane, Wyomissing Park, Reading,
Pennsylvania 19602

WESTON, Paul 1421 Rose Drive, Champaign, Illinois 61820

WEXELBLAT, Richard L. Room 2-F-413, Bell Laboratories, Holmdel,
New Jersey 07733

WEXLER, Kenneth School of Social Sciences, University of
California, Irvine 92664

WHITLOCK, L. S. Science & Technical Information Center, Hoechst-
Roussel Pharmaceuticals Inc., Rt 202-206 North, Somerville,
New Jersey 08876

- WIDSTRAND, Irene. Toppvagen 84, S-175 40 Jarfalla, SWEDEN
- WIEDEMAN, Grace L. 1300 Tracy Place, Falls Church, Virginia 22044
- WIEDERHOLD, Gio. 155 Marine Road (Skyline), Woodside, California
94062
- WILKS, Y. A. Ist. per gli studi semantici, Villa Heneneum,
6976 Castagnola, SWITZERLAND. Semantics and inference;
artificial intelligence; machine translation
- WILLIAMS, Paul D. 3009 Braeburn Circle, Ann Arbor, Michigan 48104
- WINOGRAD, Terry. Computer Science Department, Stanford University
Stanford, California 94305
- WITTMANN, Henri, Department of Lettres, Université du Québec,
C.P. 500, Trois-Rivieres, Quebec, CANADA. Simulation.
- WOLFE, John H. Development of Training Technology, U. S. Navy
Personnel R&D Center, San Diego, California 92152 Computer
generated instruction; tutorial dialogues, computational
semantics.
- WOOD, Gordon R. 12 Briarcliffe Drive, Collinsville, Illinois 62234
- WOODS, Jay. Woods R&D, Box 956, Yakima, Washington 98907
Compiler design; automatic programming; natural system
simulation
- WOODS, William A. Artificial Intelligence Department, Bolt Beranek
and Newman, 50 Moulton Street, Cambridge, Massachusetts 02138
Natural language processing; parsing and grammars; semantic
interpretation.
- WOTSCHKE, Eva-Maria. 670 Wilshire Place, Newbury Park, California
91320

WOYNA, Adam. 7524 Arlington Boulevard, Falls Church, Virginia
22042

WYLER, Gabriel. 1155 Jones Street #201, San Francisco, California
94109

WYLLYS, Ronald E. Graduate School of Library Science, University
of Texas, P.O. Box 7576, Austin 78712. Information retrieval;
information systems analysis; quantitative linguistics

Y

YANG, Shou-Chuan. 937 Eagle Heights, Madison, Wisconsin 53705

YATES, D. M. Division of Computer Science, National Physical
Laboratory, Teddington, Middlesex, ENGLAND

YNGVE, Victor H. Graduate Library School, University of Chicago,
1100 E. 57th Street, Chicago, Illinois 60637

YOUNG, Carol E. 206 Computer Science Building, Iowa State Univer-
sity, Ames, 50010

YOUNG, John W. NCR 4200, 16550 W. Bernardo Drive, San Diego,
California 92127

Z

ZAMPOLLI, Antonio. Centro Nazionale Universitario di Calcolo
Elettronico, Via S. Maria, 36, 56100, Pisa, ITALY

ZATORSKI, Richard J. Language Centre, Arts South Building,
University of Melbourne, Parkville, Victoria 3052, AUSTRALIA

ZBORAY, Bruce. 1751 Nichols Avenue, Stratford, Connecticut 06497

ZIERER, E. Universidad Nacional de Trujillo, Departamento de
Idiomas y Linguística, Trujillo, PERU

ZUCKERMAN, Peter. World Future Society, 4916 St. Elmo Avenue
Bethesda, Maryland 20014

第2回日米コンピューター会議

TRAVEL ARRANGEMENTS
IN CONNECTION WITH

2ND USA-JAPAN
COMPUTER
CONFERENCE

\$699.00

Leave MONDAY AUGUST 18
Return SATURDAY AUGUST 30 1975

PROGRAM INCLUDES:

- Round trip air transportation from Los Angeles, San Francisco and New York by Japan Air Lines Boeing 747 Garden Jet using special low group air fare. Connecting flights from other U.S. cities at lowest applicable fares — details upon request
- 11 nights accommodation at the Tokyo Prince Hotel — headquarters hotel for the Conference or the prestigious Imperial Hotel.
- Full American breakfast daily.
- Round trip transfers between airport and hotel by deluxe air conditioned motor-coach
- Half-day city sightseeing tour of Tokyo.
- Services of a Haley representative throughout
- Information and Tour desk in the lobby
- Basic service charges
- Tour price \$699.00 — Hotel Imperial or \$750.00 — Hotel Tokyo Prince. For departures from New York add \$180.00
- Single Room Supplement \$125.00 — Hotel Imperial or \$200.00 — Hotel Tokyo Prince.

Prices do not include U.S. International Transportation Tax — \$3.00

All rates quoted are based on tariffs and exchange rates in effect on November 1, 1974, and are subject to change. A fully detailed brochure outlining all terms and conditions pertaining to the Conference and Travel Arrangements will be issued mid-April, 1975, and mailed to persons signing for the program.

5 DAY SIDE TRIP TO
Hong Kong \$299.00

THURSDAY, AUGUST 21 TO MONDAY, AUGUST 25, 1975
We have made special arrangements for an exceptional travel bargain to Hong Kong for Conference participants

- Round trip jet air travel from Tokyo to Hong Kong by Thai International Airlines.
- 4 nights accommodation at the Sheraton Hong Kong.
- Full American breakfast daily.
- Round trip transfers between airport and hotel.
- Sightseeing tour of Hong Kong Island.
- Fully escorted

SIDE TRIPS IN **Japan**

A varied program of side trips in Japan will be available to participants. These will include Nikko, Hakone, Kyoto, Nara, Osaka, Inland Sea cruises, etc.



THE HALEY CORPORATION

Official Travel Agent for 2nd USA-JAPAN Computer Conference

COPY THE REPLY FORM FROM THE NEXT FRAME

第2回日米コンピュータ会議
**2ND USA-JAPAN
COMPUTER
CONFERENCE**

**RESERVATION FORM
FOR TRAVEL ARRANGEMENTS**

Please confirm reservations for.

LAST NAME (please print) FIRST NAME

(1) _____

(2) _____

LAST NAME (please print) FIRST NAME

(3) _____

(4) _____

Address _____ City _____ State _____ Zip _____

Home Phone (_____) Business Phone (_____)

DEPART FROM Los Angeles San Francisco New York

ACCOMMODATIONS Tokyo Prince Imperial Single Room at Supplement

HONG KONG SIDE TRIP Non-Smoking Section on Airplane

I enclose check for \$ _____ as deposit @ \$100 per person

I understand that deposit is fully refundable until I have signed the booking form and accepted terms and conditions per brochure to be issued mid-April, 1975

Make check payable to *Haley Travel* Signature _____

Mail check and reservation form to *Haley Travel, Dept 82, 500 Sansome St, San Francisco, CA 94111*

AVAILABLE ON THE ARPA NETWORK

S O L A R B I B L I O G R A P H Y

The SOLAR bibliographic file is available as of April 1, 1975. at SDC via the ARPA network. Either TELNET or TIP entry is possible. The accessing protocols are outlined beginning on frame 74.

The file contains over 5,000 citations to documents in acoustic and instrumental phonetics, neurolinguistics, speech perception, speech production, speech pathology, language learning, psycholinguistics, sociolinguistics, syntax, semantics, and computational linguistics.

Among the 30 categories of data provided for are the following:

<u>Abbreviation</u>	<u>Category</u>	<u>Searchable</u>
AU	Author	
AR	Individual author	X
TI	Title	
JO	Journal	
PU	Publisher	
PY	Publication year	X
VO	Volume	
PA	Pages covered	
ED	Editor	
AB	Abstract	
NO	Notes	
IT	Index term	X
DT	Document type	X
SI	Subject identification	X
ID	Document ID number	X
BO	Book article is in	

The searcher types in an expected value for one of the searchable categories. For example, if searching for documents treating movement transformations, he could type:

extrapos# (IT)

or cleft# <CR>

The search terms must be entered unpunctuated. The # sign stands for an indeterminate string of characters. The parenthesized field identifier limits the search for the preceding term to that category.

A search can also be made of the non-indexed fields using the STRINGSEARCH facility. Typing EXPLAIN STRINGSEARCH"- <CR> gets the details.

Special print formats are available for selected citations:

Command	Fields Returned
"PRINT"	All data in a normal citation
"PRINT SHORT"	Author, title, & publication year
"PRINT FULL"	All fields

Typing "EXPLAIN PRINT" <CR> yields details of possibilities for tailoring print commands.

Reference

Diller, I. User's guide to the SOLAR bibliography file, SDC Document TM-5292/000/01.

Accessing SOLAR Files

1. To connect to SDC CMS via a TIP, make sure your terminal is set to full duplex and type:

```
@T <SP> 0 <SP> L <CR>      'transmit on linefeed'  
@L <SP> 8 <CR>           'log to host #8 (SDC)'
```

When CMS returns a period (.) in column 1, you are expected to login.

2. To login, type:

```
LOGIN SOLAR <CR>
```

If the login is not in use, SOLAR will print some sign-on messages and take care of mounting the SOLAR disk pack (if necessary). You will then be asked to sign our visitors log. The signal for your response throughout your interaction with SOLAR will be a hyphen (-) in column 1. Please wait for that prompt before typing. Finish each input by striking the carriage return <CR> key. Either upper case, lower case, or a mixed input is acceptable.

Once signing-in and introductions are over, the SOLAR data management system will access the currently available files and connect you to the BIBLIOGRAPHY data file.

If SOLAR is already being used, you must wait and try later. You can, however, send a message to the SOLAR user by typing:

```
M SOLAR ...message... <CR>
```

(He cannot reply though).

more

3. To obtain an introduction to the SOLAR DMS, ask for the new-user format when that option is given. Or, type

```
"EXPLAIN SUMMARY" <CR>
```

with quotes), which will give you a briefing on searching and printing procedures, command names, and program messages.

4. To obtain an introduction to the file being accessed, type

```
"EXPLAIN DATABASE" <CR>
```

5. To search for categories of interest, type in the expected value for an indexed category. E.g,

```
caus# <CR>
```

The # sign is a variable which stands for an indeterminate string of characters.

6. To print data once an entry is selected, you can use the standard print formats. Type

```
"EXPLAIN PRINT FORMATS" <CR>
```

for details.

7. To halt printout of data on your terminal, hit the break key once and wait for the SOLAR prompt (-). Then type

```
HT <CR>          'halt typing'
```

When prompted again, hit <CR> and SOLAR will ask for your next query.

8. To move to a new data file, type

```
"FILE FNAME " <CR>
```

For more details. type

9. To quit your interaction with SOLAR, type

QUITIT <CR>

The interface between SOLAR DMS and the network FTP capability has not yet been achieved (March 1975), so at the moment all printout must be to your terminal. You can use the SOLAR "comment" command to advise us of what you would like mailed to you via off-line listings or to vent your frustrations with SOLAR's quirks.

--from a SOLAR release
System Development Corporation
March 27, 1975

END

