

LIST OF CONTENTS

NUMBER 1

- Tefko Saracevic** 1 An essay on the past and future (?) of information science education—I. Historical overview
- A. Hindle** 17 Markov models of book obsolescence
- Jiří Janoš** 19 Theory of functional sentence perspective and its application for the purposes of automatic extracting
- Amitabha Ghose and Anand S. Dhawle** 27 Between traditional classification and coordinate indexing
- A. Guenoche et J. Virbel** 33 L'interrogation des banques de données en langage naturel dans une démarche cognitive complexe
- D. H. Kraft and T. Lee** 47 Stopping rules and their effect on expected search length
- 59 Book Reviews

NUMBER 2

- Larry E. Stanfel** 65 Designing simple library hierarchies using linear programming
- Stephen P. Harter** 71 An assessment of instruction provided by library schools in on-line searching
- Jessica L. Harris** 77 Terminology change: effect on index vocabularies
- T. de Heer** 89 Quasi comprehension of natural language simulated by means of information traces
- Thomas B. Hickey and David J. Rypka** 99 Derived search keys for government documents
- Sandra H. Rouse and William B. Rouse** 109 Design of a model-based online management information system for interlibrary loan networks
- 123 Book Reviews

NUMBER 3

- G. Loizou** 127 Graph models of complex information sources
- K. Sparck Jones** 133 Experiments in relevance weighting of search terms
- Zygmunt Mazur** 145 Properties of a model of information retrieval system based on thesaurus with weights
- J. Gross and J. Talavage** 155 A multiple-objective planning methodology for information service managers

- Book Reviews*
- Harold Borko** 169 *Your Own Computer* by M. Waite and M. Pardee: An Introduction to Personal and Business Computing by R. Zaks: *The First West Coast Computer Faire: Conference Proceedings* by J. C. Warren, Jr (Ed.): *Personal Computing Digest* by The American Federation of Information Processing Societies
- Mary J. Culnan** 170 *Literature and Bibliometrics* by David Nicholas and Maureen Ritchie
- Kevin D. Reilly** 170 *An Introduction to General Systems Thinking* by Gerald M. Weinberg
- Kevin D. Reilly** 171 *Managing the Paperwork Pipeline: Achieving Cost-Effective Paperwork and Information Processing* by Monroe S. Kuttner

NUMBER 4

- V. Smetáček** 173 Information and communication. An outline of a possible general theory of sign information
- Patricia Berger** 179 An investigation of the relationship between public relations activities and budget allocation in public libraries
- Marek Cigánik** 195 Metainformational in action in the process of the automatic semantic analysis
- Norman Nisenoff,
Ethelyn Bishop and
Audrey Clayton** 205 The privacy of computerized records—the Swedish experience and possible U.S. policy impacts

Book Reviews

- Paula Horacek** 213 *Inter-library Lending—the Challenge of Cooperation: Lectures and Discussions Held at the Conference on Inter-library Lending* by Kirsten Engelstad and Jan Erik Roed (Eds.)
- Paula Horacek** 214 *Photocopying in Libraries: the Librarians Speak* by Patricia Whitestone
- G. Edward Evans** 214 *Public Knowledge, Private Ignorance: Toward a Library and Information Policy* by Patrick Wilson
- Elizabeth Eisenback** 215 *Encyclopedia of Information Systems and Services: 3rd edition* by Anthony T. Kruzas (Ed.)
- Kathleen T. Bivins** 216 *Annual Review of Information Science and Technology* by M. E. Williams (Ed.)

NUMBER 5

- Sandra H. Rouse and William B. Rouse** 219 Analysis of monograph obsolescence at two levels of an interlibrary loan network
- Zygmunt Mazur** 227 Inverted file organization in the information retrieval system based on thesaurus with weights
- W. G. Waller and Donald H. Kraft** 235 A mathematical model of a weighted Boolean retrieval system
- Tadeusz Radecki** 247 Fuzzy set theoretical approach to document retrieval
- Ruth Hafter** 261 Type of search by type of library
- Book Reviews*
- Richard Chandler** 265 Solinet Long Range Plan 1978—Southeastern Library Network
- John Richardson, Jr.** 265 Microforms: The Librarians View, 1978–79 by Alice H. Bahr
Library Networks, 1978–79 by Susan K. Martin
- Stephen P. Harter** 266 The Use of On-Line Search in Teaching An Assessment of Projects Carried Out by UK Schools of Library and Information Studies by B. C. Vickery
- John P. Comaromi** 267 Agricultural Commodities Index: Ready-Reference Index to U.S.D.A. Statistical Series by Jane Busby McFall (Ed.)

NUMBER 6

- Lance J. Hoffman** 269 The application of network in basic computer science and information science research
- T. G. Burket, P. Emrath and D. J. Kuck** 281 The use of vocabulary files for on-line information retrieval
- Tefko Saracevic** 291 An essay on the past and future (?) of information science education—II. Unresolved problems of “externalities” of education
- Robert Fugmann, Günter Kusemann and Jakob Hermann Winter** 303 The supply of information on chemical reactions in the IDC system
- Book Reviews*
- Doris Dunn** 325 Indexing Concepts and Methods by Harold Borko and Charles L. Bernier
- Joseph W. Haaf** 325 A Computer Network Protocol for Library and Information Science Applications by NCLIS/NBS Task Force on Computer Network Protocol
- Daniel F. Duran** 326 The Multimedia Library: Materials Selection and Use by James Cabeceiras

AUTHOR INDEX

- Bennion, B. C., 61*
Berger, P., 179
Bishop, E., 205
Bivins, K. T., 216*
Borko, H., 62*, 123*, 125*, 169*
Burket, T. G., 281
- Cairns, P., 59*
Chandler, R., 265*
Cigánik, M., 195
Clayton, A., 205
Comaromi, J. P., 267*
Culnan, M. J., 170*
- de Heer, T., 89
Dhawle, A. S., 27
Dunn, D., 325*
Duran, D. F., 326*
- Eisenback, E., 215*
Emrath, P., 281
Evans, Edward, G., 214
- Fugmann, R., 303
- *Denotes Book Review
- Gardner, R. K., 123*
Ghose, A., 27
Gross, J., 155
Guenoche, A., 33
- Haaf, J. W., 326*
Hafter, R., 261
Harris, J. L., 60*, 77
Harter, S. P., 71, 266*
Hermann Winter, J., 303
Hickey, T. B., 99
Hindle, A., 17
Hoffman, L. J., 269
Horacek, P., 213*, 214*
- Janoš, J., 19
- Kazlauskas, E. J., 59*
Kraft, D. H., 47, 235
Kuck, D. J., 281
Kusemann, G., 303
- Lee, T., 47
Loizou, G., 127
- Mazur, Z., 145, 227
- Nisenoff, N., 205
- Radecki, T., 247
Reilly, K. D., 124*, 170*, 171*
Richardson, Jr., J., 265*
Rouse, S. H., 109, 219
Rouse, W. B., 109, 219
Rypka, D. J., 99
- Saracevic, T., 1, 291
Smetáček, V., 173
Sparck Jones, K., 133
Stanfel, L. E., 65
- Talavage, J., 155
- Virbel, J., 33
- Waller, W. G., 235
Wellisch, H. H., 60*