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# Computer Literature Bibliography

## Volume 2

### 1964—1967



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## COMPUTER LITERATURE BIBLIOGRAPHY, VOLUME 2, 1964—1967

- ACJ THE AUSTRALIAN COMPUTER JOURNAL (NOV. 1967- )  
 ACT 66 ADVANCES IN COMPUTER TYPESETTING, CONF. PROC. (ENGLAND 1966)  
 AEP 65 AUTOMATION AND ELECTRONICS IN PUBLISHING (SPARTAN BOOKS 1965)  
 AIC ADVANCES IN COMPUTERS (ACADEMIC PRESS 1964- )  
 APNC65 ADVANCES IN PROGRAMMING AND NON-NUMERICAL COMPUTATION (PERGAMON 1966)  
 ARIS ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY (1966- )  
 AUS 66 PROCEEDINGS OF THE THIRD AUSTRALIAN COMPUTER CONFERENCE (1966)  
 BIT NORDISK TIDSKRIFT FOR INFORMATION-BEHANDLING (1964- )  
 BJCC66 PROCEEDINGS OF BRITISH JOINT COMPUTER CONFERENCE (1966)  
 CACD67 COMPUTER APPLICATIONS IN CONCRETE DESIGN AND TECHNOLOGY (AM C INST 67)  
 CACM COMMUNICATIONS OF THE ACM (1964- )  
 CAE 65 THE COMPUTER IN AMERICAN EDUCATION (WILEY 1967)  
 CAHR64 COMPUTER AUGMENTATION OF HUMAN REASONING (SPARTAN BOOKS 1965)  
 CAIT65 THE COMING AGE OF INFORMATION TECHNOLOGY (DOCUMENTATION INC 1965)  
 CAN 64 COMPUTING AND D. P. SOCIETY OF CANADA, CONF. PROC. (1964)  
 CGN IEEE COMPUTER GROUP NEWS (1966- )  
 CHUM COMPUTERS AND THE HUMANITIES (1966- )  
 CIBR65 COMPUTERS IN BIOMEDICAL RESEARCH (ACADEMIC PRESS 1965)  
 CIHR67 COMPUTERS IN HUMANISTIC RESEARCH (PRENTICE-HALL 1967)  
 COIN COMPUTER AND INFORMATION SCIENCES (1963, 1966)  
 CPAU COMPUTERS AND AUTOMATION (1964- )  
 DCUH67 DIGITAL COMPUTER USER'S HANDBOOK (MCGRAW-HILL 1967)  
 DFA 63 DISC FILE APPLICATIONS SYMPOSIUM (1963)  
 DTMN DATAMATION (1964- )  
 EIH ELECTRONIC INFORMATION HANDLING (1964, 1967)  
 FJCC FALL JOINT COMPUTER CONFERENCE PROCEEDINGS (1964-1967)  
 IAPS62 INFORMATION AND PREDICTION IN SCIENCE (ACADEMIC PRESS 1965)  
 IBFC65 THE IMPACT OF BATCH FABRICATION ON FUTURE COMPUTERS (IEEE 1965)  
 IBMJ IBM JOURNAL OF RESEARCH AND DEVELOPMENT (1964- )  
 IBMS IBM SYSTEMS JOURNAL (1964- )  
 ICCB INTERNATIONAL COMPUTATION CENTRE BULLETIN (1964- )  
 IECC67 FIRST ANNUAL IEEE COMPUTER CONFERENCE (IEEE 1967)  
 IEEC IEEE TRANSACTIONS ON ELECTRONIC COMPUTERS (1964- )  
 IEEP66D PROCEEDINGS OF THE IEEE, COMPUTER ISSUE (DEC 1966)  
 IFCN INFORMATION AND CONTROL (1964- )  
 IFIP65 INT. FED. FOR INFORMATION PROCESSING (SPARTAN BOOKS 1965)  
 ISC 64 INFORMATION SYSTEMS COMPATABILITY (SPARTAN BOOKS 1965)  
 ISP 62 INTRODUCTION TO SYSTEM PROGRAMMING (ACADEMIC PRESS 1964)  
 ISS 64 INFORMATION SYSTEM SCIENCES (SPARTAN BOOKS 1965)  
 ISS 66 INFORMATION SYSTEM SCIENCES AND TECHNOLOGY (THOMPSON BOOK CO 1967)  
 JACM JOURNAL OF THE ACM (1964- )  
 MCSB64 MATH. AND COMPUTER SCI. IN BIOLOGY AND MEDICINE (LONDON 1965)  
 MCST65 MODERN CONTROL SYSTEMS THEORY (MCGRAW-HILL 1965)  
 MIS 64 MILITARY INFORMATION SYSTEMS (F.A. PRAEGER 1964)  
 MISI65 MANAGEMENT INF. SYSTEMS AND THE INF. SPECIALIST (PURDUE UNIV PR 1966)  
 MMD C MATHEMATICAL METHODS FOR DIGITAL COMPUTERS, VOL I AND II (WILEY 1960)  
 NCIR NATIONAL COLLOQUIUM ON INFORMATION RETRIEVAL (1964, 65, 66, 67)  
 NLAC63 NATURAL LANGUAGE AND THE COMPUTER (MCGRAW-HILL 1963)  
 OEIP64 OPTICAL AND ELECTRO-OPTICAL INFORMATION PROCESSING (MIT PRESS 1965)  
 OLCS65 SYMPOSIUM ON ON-LINE COMPUTING SYSTEMS (LOS ANGELES 1965)  
 PACM PROC. (AND PREPRINTS) OF THE ACM NATIONAL CONFERENCES (1964- )  
 R REVIEWS FROM IEEE TRANS. ON ELECTRONIC COMPUTERS (1964- )  
 SADC66 SYSTEM ANALYSIS BY DIGITAL COMPUTER (WILEY 1966)  
 SAMD64 STAT. ASSN. METHODS FOR MECHANIZED DOCUMENTATION (NBS MISC PUB 1965)  
 SCAM669 SCIENTIFIC AMERICAN, INFORMATION ISSUE (SEPT 1966)  
 SIM SIMULATION (FALL, 1963- )  
 SJCC SPRING JOINT COMPUTER CONFERENCE PROCEEDINGS (1964, 1966, 1967)  
 TCB THE COMPUTER BULLETIN (1964- )  
 TCJ THE COMPUTER JOURNAL (1964- )  
 UCAE66 USE OF COMP IN ANAL. OF EXP. DATA AND THE CONTROL OF NUCLR. FAC. (66)  
 UCAN62 SYMPOSIUM ON THE USE OF COMPUTERS IN ANTHROPOLOGY (MOUTON 1965)  
 UDCE65 THE USE OF DIGITAL COMPUTERS IN ELECTRIC POWER SYSTEMS (CORIEL P 1967)





UNITED STATES DEPARTMENT OF COMMERCE • C. R. Smith, *Secretary*  
NATIONAL BUREAU OF STANDARDS • A. V. Astin, *Director*

# Computer Literature Bibliography

## Volume 2

### 1964 — 1967

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# Computer Literature Bibliography

## Volume 2

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W. W. Youden

This bibliography is a continuation of *Computer Literature Bibliography, 1946 to 1963*<sup>1</sup>, and is intended as a further service to the computer community. It contains approximately 5,200 references to computer literature published during the years 1964 through 1967. The Bibliography Section includes the full title and the names of all of the authors of each item published in 17 journals, 20 books composed of chapters by individual authors, and 43 conference proceedings. In addition, references to all items that were reviewed in the IEEE Transactions on Electronic Computers have been included.

The Title Word Index Section provides the means for locating an item if any part of its title is known. Likewise, it can be used to identify all items whose titles include a particular word or phrase. The Author Index Section lists all authors of each item, but does not indicate whether an individual is its sole author.

## INTRODUCTION

### How To Understand the Coden

An 11-character *coden* is used to identify each item in all three sections of this computer literature bibliography. The first four letters are usually an acronym for the title of the journal, book, or proceedings in which it was published. An effort has been made to choose acronyms of mnemonic value. A list of the acronyms with their explanations is given on the inside of the front and back covers.

Following the acronym are the last two digits of the year in which the item was first presented or published. For journals, the issue number is given immediately following the two year-digits. The letters O, N and D are used to indicate the 10th, 11th and 12th issues of a monthly journal. For books and proceedings, this digit, if there is one, indicates the volume number. The last part of the coden, separated by at least one space, is the initial page number of the item.

The coden scheme used in this bibliography eliminates double lookups. The user can go directly from the Title Word Index, for example, to the source document without referring to the entire bibliographic entry. This scheme is most useful for cumulative indexes to a reasonably small set of publications, especially when limited to a field of specific interest.

Several examples of how coden expand to the full reference are as follows:

CACM67O 604=Communications of the ACM,  
1967, October, page 604  
OLCS65 14=Symposium on On-Line Computing Systems, 1965, page 14  
IFIP652 320=International Federation for Information Processing, 1965,  
Volume 2, page 320

Since a few publications do not fit neatly into this scheme, there are a few exceptions to the rules given above. In some cases, the book or proceedings does not number its pages from start to finish, but numbers the pages of each chapter or paper independently. In such cases the chapter or paper identification used in the book or proceedings is used in the coden. For example:

PACM64 N2.2=Proceedings and Preprints of the ACM, 1964, paper N2.2

Another exception is made for the three journals that have a volume year slightly out of phase with the calendar year. In these cases the first four characters in the coden are a three-letter acronym followed by the volume number. The issue number is still given to the right of the year-digits. For example:

TCB9664 138=The Computer Bulletin, Volume 9, 1966, Issue 4, page 138

SIM8673 165=Simulation, Volume 8, 1967, Issue 3, page 165

One other exception concerns the books and papers reviewed in *IEEE Transactions on Electronic Computers (IEEC)*. Here a 7-character coden is used which consists of an R in the fourth character space of those usually reserved for the acronym, followed by the two year-digits, the issue number, a hyphen and the number of the review. For example:

R654-46 =Reviews from *IEEE Transactions on Electronic Computers*, 1965, Issue 4, Review 46

<sup>1</sup> W. W. Youden, *Computer Literature Bibliography, 1946 to 1963*, National Bureau of Standards Miscellaneous Publication 266, March 1965. Available from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402, price \$3.75.

## How To Use the Bibliography Section

In the Bibliography Section the publications are listed in alphabetical sequence by acronyms. Within each acronym the references are listed in year, issue number, and page number sequence. At the beginning of the listing for each journal, book, or proceedings, bibliographic information similar to that found on a library catalog card is given. The first line of this bibliographic information is almost always the title of the publication. If the main entry on the Library of Congress catalog card differs, it follows the title in parentheses. An ellipsis within the parentheses indicates omission of repeated words. For proceedings, the second line gives the location and date of the meeting. Usually, the second line also contains the name of the publisher and the year of publication. The Library of Congress classification and catalog card number are on the following line if they have been ascertained. Occasionally, additional miscellaneous information is given.

Each entry in the Bibliography Section consists of the full title and all of its authors. In the case of books and papers reviewed in IEEC, the source of the item is also given in the bibliographic entry. However, reviews of items which are already in the bibliography have not been given an R entry, but the review and page numbers have been added to their bibliographic entries. For example, the item with coden FJCC66 191 was reviewed in IEEC and therefore its bibliographic entry is followed by “\* \* Reviewed in IEEC674 529 R67-48” which expands to mean reviewed in IEEC, 1967, Issue 4, page 529, Review Number R67-48.

## How To Use the Title Word Index

The Title Word Index is a permuted title or KWIC (Keyword-in-Context) index. It is not a subject index and can best be used by those who are knowledgeable in the field of computers.

Each title can be found under all of the significant words that it contains. The title is shifted to align each successive significant word with a column near the middle of the page. After sorting from this column to its right, it becomes very easy to locate all titles that contain a given word or phrase. Since each line in the index is a separate unit, titles longer than one line must be chopped. This is indicated by a virgule (/) next to the chopped portion if the title either begins or ends on the line. The wide page format results in less than three percent of the titles being chopped.

The proper point to begin reading a line is at the longest white space. The line is read to its right-hand end and then, continuing at the left end of the line, it is read to the longest white

space where the reading began. This longest space will never be less than three character spaces except in the rare case of a title longer than the line which has been positioned so that both ends of the title are off the line. In this case, there will be only a single space between each word on the line, and the line is read from left to right.

The title is the title of an article, book chapter, or paper. Titles of foreign language items have been translated (sometimes roughly) into English. The name of the original language, in parentheses, is added to the title.

Over 70 words which are of limited use as search tools such as ALMOST, AND, BIG, FOR, HAVING, NO, OF, THE and WITHIN have been excluded from the keyword index in order to reduce the length of this list. In addition the two words COMPUTER and COMPUTERS have been excluded as keywords since they appear so often in titles in the specific area covered by this book that they lose their value as keywords.

## How To Use the Author Index

All authors of each item are listed in the Author Index with their names followed by as much of the title as will fit on one line. No indication is given as to whether an individual is the sole author or one of several coauthors. Reference should be made to the Bibliography Section for this information.

Authors will be found under the prefix when their last name is preceded by prefixes such as: DE, DI, LA, VAN, VER and VON. Authors may be listed with their given names in full or with one or more of their given names shortened to initials. This, plus the fact that authors whose names are followed by suffixes such as JR, SR, II and III sometimes publish with the suffix dropped, means that occasionally references by the same author may become slightly separated. Since the sorting of names was done on a computer, the sequence of names is in order word-by-word rather than letter-by-letter.

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# BIBLIOGRAPHY

AEP 65 47

- ACJ THE AUSTRALIAN COMPUTER JOURNAL, V. 1-  
CANBERRA CITY, THE AUSTRALIAN COMPUTER SOCIETY, NOVEMBER 1967-
- ACJ 671 7 COMMENTS ON SOME LEGAL ASPECTS OF DATA PROCESSING BY COMPUTER \* K. S. POPE  
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- ACT 66 ADVANCES IN COMPUTER TYPESETTING (INTERNATIONAL COMPUTER TYPESETTING CONFERENCE)  
SUSSEX, ENGLAND, JULY 1966. LONDON, THE INSTITUTE OF PRINTING, 1967.  
Z253.3.I5 1966 LC CARD NO. 67-91274
- ACT 66 2 A REVIEW OF KEYBOARDING SKILLS \* L. M. H. J. VAN GEFFEN  
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ACT 66 265 RATIONAL TYPOGRAPHIC DESIGN \* M. GOLDERING
- AEP 65 AUTOMATION AND ELECTRONICS IN PUBLISHING  
EDITED BY LOWELL H. HATTERLY AND GEORGE P. BUSH  
WASHINGTON, MAY 1965. WASHINGTON, SPARTAN BOOKS, 1965.  
Z249.H36 LC CARD NO. 65-27392
- AEP 65 9 ELECTRONIC COMPUTER EXPERIENCE, A DAILY NEWSPAPER \* WILLMOTT LEWIS JR  
AEP 65 17 COMPUTER SYSTEMS AND NEWSPAPER PRODUCTION \* RONALD A. WHITE  
AEP 65 27 COMPUTERS AND SCIENTIFIC PERIODICALS \* JOSEPH H. KUNEY  
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 AEP 65 149 BETWEEN HERE AND SOMEDAY \* JOHN W. SEYBOLD

AIC ADVANCES IN COMPUTERS, V. 5-  
 NEW YORK, ACADEMIC PRESS, 1964-  
 QA76.A3 LC CARD NO. 59-15761

- AIC 645 1 THE ROLE OF COMPUTERS IN ELECTION NIGHT BROADCASTING \* JACK MOSHMAN  
 AIC 645 23 SOME RESULTS OF RESEARCH ON AUTOMATIC PROGRAMMING IN EASTERN EUROPE \* WLAOYSLAW TURSKI  
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 AIC 678 47 FORMULA MANIPULATION BY COMPUTER \* JEAN E. SAMMET  
 AIC 678 103 STANDARDS FOR COMPUTER AND INFORMATION PROCESSING \* T. B. STEEL JR  
 AIC 678 153 SYNTACTIC ANALYSIS OF NATURAL LANGUAGE \* NAOMI SAGER  
 AIC 678 189 PROGRAMMING LANGUAGES AND COMPUTERS, A UNIFIED METATHEORY \* R. NARASIMHAN  
 AIC 678 248 INCREMENTAL COMPUTATION \* LIONEL A. LOMBARDI

APNC65 ADVANCES IN PROGRAMMING AND NON-NUMERICAL COMPUTATION (FOX, LESLIE, ED.)  
 OXFORD, PERGAMON PRESS, 1966.  
 QA76.F64 1966 LC CARD NO. 65-18420

- APNC65 3 INTRODUCTION TO AUTOMATIC COMPUTING \* S. GILL  
 APNC65 29 LIST PROGRAMMING \* P. M. WOODWARD  
 APNC65 49 PROGRAMMING \* D. W. BARRON, C. STRACHEY  
 APNC65 83 ARTIFICIAL LANGUAGES \* J. M. FOSTER  
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 APNC65 183 GAME-PLAYING AND GAME-LEARNING AUTOMATA \* D. MICHIE  
 APNC65 201 INFORMATION RETRIEVAL AND SOME COGNATE COMPUTING PROBLEMS \* R. M. NEEDHAM

ARIS ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY, V.1-  
 NEW YORK, INTERSCIENCE PUBLISHERS, 1966-  
 Z699.A1A65 LC CARD NO. 66-25096

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QA76.A772 LC CARO NO. 61-65941
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NEW YORK, WILEY, 1967.  
LB2846.672 LC CARD NO. 67-22407

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 WASHINGTON, D.C., JUNE 16-17, 1964. WASHINGTON, SPARTAN BOOKS, 1965.  
 Q335.S9 LC CARD NO. 65-16171

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 EDITED BY VLADIMIR SLAMECKA  
 WASHINGTON, D.C., DOCUMENTATION INC., 1965.  
 QA76.C5B3 LC CARD NO. 61-45062

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CAN 64 THE COMPUTING AND DATA PROCESSING SOCIETY OF CANADA (PROCEEDINGS ...)  
 OTTAWA, CANADA, MAY 11-12, 1964. TORONTO, UNIV. OF TORONTO PRESS, 1964.  
 QA76.C5B3 LC CARD NO. 61-45062

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 IECC IEEE TRANSACTIONS ON ELECTRONIC COMPUTERS, V. 13-  
 NEW YORK, 1964-  
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- ISC 64 INFORMATION SYSTEMS COMPATABILITY (NEWMAN, SIMON M., ED.)  
 WASHINGTON, SPARTAN BOOKS, 1965.  
 Z699.N4 LC CARD NO. 65-25557
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 LONDON SCHOOL OF ECONOMICS, JULY 1962. NEW YORK, ACADEMIC PRESS, 1964  
 QA76.W43 LC CARD NO. 64-14228
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 (ENGLISH TRANS. IN 'FOREIGN DEVELOPMENTS IN MACHINE TRANSLATION AND INFORMATION PROCESSING, NO. 113,' OFFICE OF TECHNICAL SERVICES 63-21318, MARCH, 1963).  
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 (IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 476-487, OCTOBER, 1963).  
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 (JOHN WILEY AND SONS, INC., NEW YORK, N.Y., 1962).  
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 (PROC. AFIPS 1963 SPRING JOINT COMPUTER CONF., DETROIT, MICH., VOL. 23).  
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 (IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 470-475, OCTOBER 1963).  
 R642-14 COUNTING WITH NONLINEAR BINARY FEEDBACK SHIFT REGISTERS \* MICHAEL YOELI  
 (IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 357-361, AUGUST, 1963).  
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 (PROC. 1963 FALL JOINT COMPUTER CONF., LAS VEGAS, NEV., SPARTAN BOOKS, INC., BALTIMORE, MD., PP. 167-172, 1963).  
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 (PROC. SEMINAR ON AUTOMATIC CHECKOUT TECHNIQUES, BATTELLE MEMORIAL INSTITUTE, COLUMBUS, OHIO, SEPTEMBER 5-7, 1962).  
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 (IBM J. RES. AND DEV., VOL. 7, PP. 2-13, JANUARY, 1963).  
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 (PROC. 1963 FALL JOINT COMPUTER CONFERENCE, LAS VEGAS, NEV., VOL. 24, PP. 67-75, NOVEMBER, 1963).  
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 (PROC. 1963 FALL JOINT COMPUTER CONFERENCE).  
 R643-31 A DYNAMIC LARGE SIGNAL MODEL FOR A SINGLE-DOMAIN THIN MAGNETIC FILM INDUCTOR \* A. A. REAO  
 (IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 517-521, OCTOBER, 1963).  
 R643-32 GENERALIZED MULTIPROCESSING AND MULTIPROGRAMMING SYSTEMS \* A. J. CRITCHLOW  
 (PROC. 1963 FALL JOINT COMPUTER CONFERENCE).  
 R643-33 A COMPUTER DRIVEN SIMULATION ENVIRONMENT FOR AIR TRAFFIC CONTROL STUDIES \* E. A. ROBIN, R. S. PAROEE, O. L. SCHEFFLER, F. C. HOLLAND, A. G. HALVERSON  
 (PROC. 1963 FALL JOINT COMPUTER CONFERENCE).

- R643-34 ANALYSIS OF COMPUTING-LOAD ASSIGNMENT IN A MULTI-PROCESSOR COMPUTER \* M. AOKI, G. ESTRIN, R. MANDELL  
(PROC. 1963 FALL JOINT COMPUTER CONFERENCE, PP. 147-160).
- R643-35 AN APPLICATION OF COOING THEORY TO A FILE ADDRESS PROBLEM \* M. HANAN, F. P. PALERMO  
(IBM J. RES. AND DEV., VOL. 7, PP. 127-129, APRIL, 1963).
- R643-35 A METHOD FOR KEY-TO-ADDRESS TRANSFORMATION \* G. SCHAY, N. RAVER  
(IBM J. RES. AND DEV., VOL. 7, PP. 121-126, APRIL 1963).
- R643-36 THE LOGICAL ORGANIZATION OF THE PB 440 MICROPROGRAMMABLE COMPUTER \* E. BOUTWELL JR, E. A. HOSKINSON  
(PROC. 1963 FALL JOINT COMPUTER CONFERENCE, PP. 201-213).
- R643-37 SOME PRINCIPLES AND CIRCUIT TECHNIQUES FOR CONTROLLING MACHINE TOOLS FROM A CENTRAL DIGITAL COMPUTER \*  
O. A. BELL, P. M. WILL  
(J. BRIT. IEE, AUGUST, 1963).
- R643-38 THE DES-1 - A REAL-TIME DIGITAL SIMULATION COMPUTER \* M. PALEVSKY, J. V. HOWELL  
(PROC. 1963 JOINT COMPUTER CONF).
- R644-39 THE DESIGN OF A 4096 WORD, 1 MICROSECOND MAGNETIC FILM STORE \* J. B. JAMES, B. J. STEPTOE, A. A. KAPOSI  
(J. BRITISH IRE, VOL. 25, PP. 509-516, JUNE 1963).
- R644-41 AN IMPROVED TUNNEL DIODE MEMORY SYSTEM \* O. J. CRAWFORD, W. O. PRICER, J. J. ZASIO  
(IBM J. RES. AND DEV., VOL. 7, PP. 199-206, JULY, 1963).
- R644-42 SIMULATION OF AN ASSEMBLY OF SIMPLIFIED NERVE CELLS ON A DIGITAL COMPUTER \* R. E. SEARS, S. M. KHANNA  
(PROC. 1963 FALL JOINT COMPUTER CONFERENCE).
- R644-43 TRANSIENT ANALYSIS AND DEVICE CHARACTERIZATION OF ACP CIRCUITS \* K. G. ASHAR, H. N. GHOSH,  
A. W. ALORIOGE, L. J. PATTERSON  
(IBM J. RES. AND DEV., VOL. 7, PP. 207-223, JULY 1963).
- R644-44 DESIGN OF ACP RESISTOR-COUPLED SWITCHING CIRCUITS \* O. H. CHUNG, J. A. PALMIERI  
(IBM J. RES. AND DEV., VOL. 7, PP. 190-198, JULY, 1963).
- R644-45 A MULTIPROCESSOR SYSTEM DESIGN \* M. L. CONWAY  
(PROC. 1963 FALL JOINT COMPUTER CONF., LAS VEGAS, NOVEMBER 12-14).
- R644-46 THE MATRIC COMPUTER \* PIERRE HONNELL  
(J. FRANKLIN INST., VOL. 276, PP. 282-294, OCTOBER, 1963).
- R644-47 FINITE COUNTING AUTOMATA \* M. P. SCHUTZENBERGER  
(INFORM. CONTROL, VOL. 5, PP. 91-107, MAY, 1962).
- R644-48 REDUCTION OF FEEDBACK LOOPS IN SEQUENTIAL CIRCUITS AND CARRY LEADS IN ITERATIVE NETWORKS \*  
E. J. MCCLUSKEY  
(INFORM. CONTROL, VOL. 6, PP. 99-118, JUNE, 1963).
- R644-49 COMPUTATION WITH FINITE FIELDS \* T. C. BARTEE, D. I. SCHNEIDER  
(INFORM. CONTROL, VOL. 6, PP. 79-98, JUNE, 1963).
- R644-50 ON THE ANALYSIS OF FUNCTIONAL SYMMETRY \* R. F. ARNOLO, E. L. LAWLER  
(PROC. FOURTH ANNUAL SYMP. ON SWITCHING CIRCUIT THEORY AND LOGICAL DESIGN, CHICAGO, ILL., OCTOBER  
28-30, 1963).
- R644-51 DETERMINING THE BEST ORDERING OF VARIABLES IN CASCADE SWITCHING CIRCUITS \* R. E. LEVIEN  
(PROC. FOURTH ANNUAL SYMP. ON SWITCHING CIRCUIT THEORY AND LOGICAL DESIGN, CHICAGO, ILL., OCTOBER  
28-30, 1963, PP. 83-99).
- R644-52 ON THE NUMBER OF CLASSES OF (N, K) SWITCHING NETWORKS \* M. A. HARRISON  
(J. FRANKLIN INST., VOL. 276, PP. 313-327, OCTOBER, 1963).
- R645-53 A DELAY-LINE PUSH-DOWN LIST \* P. A. LORO, C. J. TUNIS, H. L. WITTER  
(IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 827-874, DECEMBER 1963).
- R645-54 A NEW CROSSED-FILM CRYOTRON STRUCTURE WITH SUPERIMPOSED CONTROLS \* R. E. FRUIN, V. L. NEWHOUSE  
(PROC. IEEE, VOL. 51, PP. 1732-1737, DECEMBER, 1963).
- R645-55 HIGH SPEED LOGIC CIRCUITS USING A TUNNEL DIODE TRANSISTOR FEEDBACK AMPLIFIER \* G. G. SCARROTT,  
R. W. MITCHELL  
(J. BRIT. IRE, PP. 485-491, DECEMBER, 1963).
- R645-58 A METHOD FOR GENERATING FUNCTIONS OF SEVERAL VARIABLES AND SCHEMES FOR ITS INSTRUMENTATION \*  
M. N. KRASIL'SHCHIKOV, A. I. KULAKOVSKII  
(AUTOMATION AND REMOTE CONTROL, VOL. 24, PP. 1007-1015, JANUARY, 1964).
- R645-59 ADAPTIVE SYSTEMS IN PATTERN RECOGNITION \* H. KAZMIERCZAK, H. STEINBUCH  
(IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 822-835, DECEMBER, 1963).
- R645-60 AN ANALOG-DIGITAL CHARACTER RECOGNITION SYSTEM \* M. NAOLER  
(IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 814-821, DECEMBER 1963).
- R645-61 THE AUTOMATIC SPEECH RECOGNITION SYSTEM FOR CONVERSATIONAL SOUND \* T. SAKAI, S. OOSHITA  
(IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 835-846, DECEMBER, 1963).
- R645-63 APPLICATION OF PUSHDOWN-STORE MACHINES \* R. J. EWEY  
(PROC. FALL JOINT COMPUTER CONFERENCE, VOL. 25, PP. 215-227, 1963).
- R645-64 THE SOLOMON COMPUTER \* J. GREGORY, R. MCREYNOLDS  
(IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 774-781, DECEMBER, 1963).
- R645-65 THE GUS MULTICOMPUTER SYSTEM \* W. F. MILLER, R. A. ASCHENBRENNER  
(IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 671-676, DECEMBER, 1963).
- R645-66 PARALLEL PROCESSING IN A RESTRUCTURABLE COMPUTER SYSTEM \* G. ESTRIN, B. RUSSELL, R. TURN, J. 818B  
(IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 747-755, DECEMBER, 1963).
- R646-68 TIME-VARYING SEQUENTIAL MACHINES \* ARTHUR GILL  
(J. FRANKLIN INST., VOL. 276, PP. 519-539, DECEMBER 1963).
- R646-70 A PROPERTY OF PARTIALLY SPECIFIED AUTOMATA \* C. L. LIU  
(INFORM. CONTROL, VOL. 6, PP. 169-176, SEPTEMBER 1963).
- R646-75 AUTOMATED LOGICAL DESIGN \* H. F. OEFRENCESCO, T. R. LACROSSE  
(1963 IEEE INTERNATIONAL CONVENTION RECORD, VOL. 11, PT. 4, MARCH 25-28, 1963).
- R646-78 INTERWOVEN REDUNDANT LOGIC \* W. H. PIERCE  
(J. FRANKLIN INST., VOL. 277, PP. 55-85, JANUARY 1964).
- R646-79 TUNNEL DIODE STORAGE SYSTEM WITH NON-DESTRUCTIVE READOUT \* B. G. EDWARDS, H. J. LANIGAN  
(J. BRIT. IRE, VOL. 26, PP. 359-372, NOVEMBER 1963).
- R646-80 SIGNAL-PROCESSING FOR INCREASED BIT DENSITIES IN DIGITAL MAGNETIC RECORDING \* C. E. SCHLAEPFER  
(1963 IEEE INTERNATIONAL CONVENTION RECORD, VOL. 11, PT. 4, MARCH 25-28, 1963).
- R651-1 TWO-SIDED FINITE-STATE TRANSDUCTIONS \* C. C. ELGOT, J. E. MEZEI  
(IBM RESEARCH PAPER RC-1017, ABBREVIATED VERSION IN PROC. 4TH ANNUAL SYMPOSIUM ON SWITCHING CIRCUIT  
THEORY AND LOGICAL DESIGN, OCTOBER 1963).
- R651-2 PROBABILISTIC AUTOMATA \* M. D. RABIN  
(INFORM. AND CONTROL, VOL. 5, PP. 230-245, SEPTEMBER 1963).
- R651-3 THE MEMORY ORDERS OF STATES OF AN AUTOMATON \* C. L. LIU  
(J. FRANKLIN INST., VOL. 227, PP. 37-49, JANUARY 1964).
- R651-4 TIME-VARYING SEQUENTIAL MACHINES \* ARTHUR GILL  
(J. FRANKLIN INST., VOL. 276, PP. 519-539, DECEMBER 1963).
- R651-5 REDUNDANCY AND COMPLEXITY OF LOGICAL ELEMENTS \* S. WINOGRAD  
(INFORM. AND CONTROL, VOL. 5, PP. 177-194, SEPTEMBER 1963).
- R651-6 A GEOMETRIC TEST-SYNTHESIS PROCEDURE FOR A THRESHOLD DEVICE \* PHILIP KASZERMAN  
(INFORM. AND CONTROL, VOL. 6, NO. 4, DECEMBER 1963).
- R651-7 ON DYNAMIC SWITCHING IN ONE-DIMENSIONAL ITERATIVE LOGIC NETWORKS \* W. L. KILMER  
(INFORM. AND CONTROL, VOL. 6, PP. 399-415, DECEMBER 1963).
- R651-8 AUTOMATIC CORRECTION OF MULTIPLE ERRORS ORIGINATING IN A COMPUTER MEMORY \* P. R. OAHER  
(IBM J. RES. AND DEVELOP., VOL. 7, PP. 317-324, OCTOBER 1963).
- R651-10 LEARNING MATRICES AND THEIR APPLICATIONS \* K. STEINBUCH, U. A. W. PISKE  
(IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 846-862, DECEMBER 1963).
- R651-11 METHODS FOR SOLVING ENGINEERING PROBLEMS USING ANALOG COMPUTERS \* LEON LEVINE  
(MCGRAW-HILL BOOK CO., INC., NEW YORK, N.Y., 1964).



- R651-14 INTERWOVEN REOUNOANT LOGIC \* W. H. PIERCE  
(J. FRANKLIN INST., VOL. 277, PP. 55-85, JANUARY 1964).
- R652-16 THE USE OF THRESHOLD LOGIC IN PATTERN RECOGNITION \* S. B. AKERS JR, B. H. RUTTER  
(PROC. IEEE, VOL 52, AUG 1964, PP 931-938).
- R652-17 THE MEMORY ORDERS OF STATES OF AN AUTOMATION \* C. L. LIU  
(J. FRANKLIN INST., VOL 277, JANUARY 1964).
- R652-19 HYBRID SIMULATION OF AN AIRCRAFT CONTROL SYSTEM \* P. W. HALBERT  
(PROC. 1963 FALL JOINT COMPUTER CONF., P 425).
- R652-21 GIER - A DANISH COMPUTER OF MEDIUM SIZE \* C. GRAM, O. HESTVIK, H. ISAKSSON, P. T. JACOBSEN, J. JENSEN, P. NAUR, B. S. PETERSON, B. SVEJGAARD  
(IEEE TRANS. ON ELECTRONIC COMPUTERS, VOL. EC-12, PP. 629-650, DECEMBER 1963).
- R653-32 DERIVATION OF OPTIMUM TEST SEQUENCES FOR SEQUENTIAL MACHINES \* J. F. POAGE, E. J. MCCLUSKEY  
(FIFTH ANNUAL SYM. ON SWITCHING CIRCUIT THEORY AND LOGICAL DESIGN, OCT 1964, PP 121-132).
- R654-46 FAULT DETECTING EXPERIMENTS FOR SEQUENTIAL CIRCUITS \* F. C. HENNIE  
(PROC. 5TH ANNUAL SYM. ON SWITCHING THEORY AND LOGICAL DESIGN, PP. 95-110, OCTOBER 1964).
- R654-50 NEW TECHNIQUES FOR DESIGNING SPEED INDEPENDENT CONTROL LOGIC \* R. E. SWARTOUT  
(PROC. 5TH ANNUAL SYM. ON SWITCHING THEORY AND LOGICAL DESIGN, NOVEMBER 11-13, 1964).
- R654-54 THE LOGIC OF COMPUTER ARITHMETIC \* IVAN FLORES  
(ENGLEWOOD CLIFFS, N.J., PRENTICE-HALL, 1963).
- R655-61 SOME NUMERICAL AND PROGRAMMING TECHNIQUES TO ALLOW THE USE OF A DIGITAL COMPUTER IN AN ANALOGUE FASHION \* W. J. HENRY  
(1964 PROC. 4TH INTERNAT'L CONF. OF AICA).
- R655-62 THE SYNTHESIS OF OPTIMUM AND QUASI-OPTIMUM MINIMUM TIME CONTROLS FOR SECOND-ORDER SYSTEMS \* H. TITUS, J. OMETRY  
(1964 PROC. 4TH INTERNAT'L CONF. OF AICA).
- R655-63 FAST ANALOG HYBRID COMPUTATION WITH DIGITAL CONTROL THE ASTRAC II SYSTEM \* G. A. KORN  
(1964 PROC. 4TH INTERNAT'L CONF. OF AICA).
- R655-65 SOME NEW RESULTS ON THE ANALYSIS AND RELIABILITY OF LARGE POLYFUNCTIONAL NETS \* ROCCO H. URBANO  
(1964 PROC 5TH ANN. SYM. ON SWITCHING CIRCUIT THEORY AND LOGICAL DESIGN, PP. 138-148).
- R656-71 PROCEEDINGS OF THE 1962 INTERNATIONAL SYMPOSIUM ON THE THEORY OF RELAY SYSTEMS AND FINITE AUTOMATA  
(OFFICE OF TECHNICAL SERVICES, U.S. DEPT. OF COMMERCE, RESEARCH REPT. AO-605 609).
- R656-72 ON STATE ASSIGNMENTS AND SEQUENTIAL MACHINE DECOMPOSITION FROM S.P. PARTITIONS \* O. L. EPLEY, P. T. WANG  
(PROC. OF THE 5TH ANNUAL SYM. ON SWITCHING THEORY AND LOGICAL DESIGN, PP. 228-233, OCTOBER 1964).
- R656-74 UNIQUE ASPECTS OF A PROGRAM ENTAILING THE LARGE SCALE APPLICATION OF MICROELECTRONICS \* S. SCHOEN  
(1965 IEEE INTERNAT'L CONV. REC., PT. 3, VOL. 13, PP. 248-255).
- R656-75 ADVANTAGES OF A SYSTEM UTILIZING SELECTABLE BANKS OF MEMORY OVER MULTIPLEXING COMPUTER ACCESSSES TO A SINGLE LARGE MEMORY \* G. P. WEST  
(1965 IEEE INTERNAT'L CONV. REC., PT. 3, VOL. 13, PP. 276-280).
- R656-76 APPLICATION OF THE PRODAC 50 SYSTEM TO DIRECT DIGITAL CONTROL \* J. C. BELZ, G. J. KIRK, P. S. RAOCLIFFE  
(1965 IEEE INTERNAT'L CONV. REC., PT. 3, VOL. 13, PP. 102-123).
- R656-77 THE GE-PAC APPROACH TO DIRECT DIGITAL CONTROL \* W. G. BEYER, L. A. GOSHORN  
(1965 IEEE INTERNAT'L CONV. REC., PT. 3, VOL. 13, PP. 146-156).
- R656-78 THE BUNKER-RAMO 335 FOR ODC APPLICATIONS \* H. H. FLUM, T. M. STOUT, G. C. HENORIE  
(1965 IEEE INTERNAT'L CONV. REC., PT. 3, VOL. 13, PP. 137-145).
- R656-79 AN INTEGRATED HARDWARE-SOFTWARE APPROACH TO DIRECT DIGITAL CONTROL \* S. N. IRWIN, R. I. GRAY  
(1965 IEEE INTERNAT'L CONV. REC., PT. 3, VOL. 13, PP. 200-206).
- R661-1 AN INTRODUCTION TO MATHEMATICAL MACHINE THEORY \* SEYMOUR GINSBURG  
(READING, MASS., ADDISON-WESLEY, 1962).
- R662-20 THRESHOLD GATE NETWORK SYNTHESIS \* E. P. STABLER  
(1965 IEEE CONF. REC. ON SWITCHING THEORY AND LOGICAL DESIGN, PUBL. 16C13, PP. 5-11, OCTOBER 1965).
- R663-28 SWITCHING THEORY, VOL. I, COMBINATIONAL CIRCUITS \* RAYMOND E. MILLER  
(NEW YORK, WILEY, 1965, 351 PAGES, \$12.95).
- R663-29 SWITCHING THEORY, VOL. II, SEQUENTIAL CIRCUITS AND MACHINES \* RAYMOND E. MILLER  
(NEW YORK, WILEY, 1965, 250 PAGES, BOUND, \$11.50).
- R664-41 INTRODUCTION TO SWITCHING AND AUTOMATA THEORY \* MICHAEL A. HARRISON  
(NEW YORK, MCGRAW-HILL, 1965, 499 PAGES, \$16.50).
- R664-42 INTRODUCTION TO THE THEORY OF SWITCHING CIRCUITS \* E. J. MCCLUSKEY  
(NEW YORK, MCGRAW-HILL, 1965, 318 PAGES, \$12.50).
- R664-50 AN ALGORITHM FOR THE MACHINE CALCULATION OF COMPLEX FOURIER SERIES \* J. W. COOLEY, J. W. TUKEY  
(MATHEMATICS OF COMPUTATION, VOL. 19, PP. 297-301, APRIL 1965).
- R665-59 COMPUTER SOFTWARE, PROGRAMMING SYSTEMS FOR DIGITAL COMPUTERS \* IVAN FLORES  
(ENGLEWOOD CLIFFS, N.J., PRENTICE-HALL, 1965, \$16.00).
- R666-70 THRESHOLD LOGIC \* T. S. HU  
(BERKELEY, UNIVERSITY OF CALIFORNIA PRESS, 1965, \$8.50).
- R666-77 ON THE MINIMAL SYNTHESIS OF ONE TERMINAL-PAIR CONTACT NETWORKS \* A. LEMPEL, I. CEDERBAUM  
(IEEE TRANS. ON CIRCUIT THEORY, VOL. CT-13, PP. 149-153, JUNE 1966).
- R666-81 A HYBRID-CODE DIFFERENTIAL ANALYZER \* EMMETT PEARSE O'GRAOY  
(ANNALES DE L'ASSOCIATION INTERNATIONALE POUR LE CALCUL ANALOGIQUE, PROC. OF THE INTERNATIONAL ASSOCIATION FOR ANALOG COMPUTATION, VOL. 8, PP. 13-21, JANUARY 1966).
- R666-84 THE USE OF AN ANALOGUE COMPUTER IN SOME OPERATIONAL RESEARCH PROBLEMS \* S. EILON, O. P. OZIEL  
(OPERATIONAL RESEARCH QUARTERLY, VOL. 16, P. 341, SEPTEMBER 1965).
- R666-87 COMPUTER PROGRAMMING \* IVAN FLORES  
(ENGLEWOOD CLIFFS, N.J., PRENTICE-HALL, INC., 1966, 395 PAGES, \$16.00).
- R671-2 SYNTHESIS OF CONTACT NETWORKS FROM PRESCRIBED RELIABILITY FUNCTIONS \* LEE M. MAXWELL  
(J. FRANKLIN INST., VOL. 281, PP. 214-234, MARCH 1966).
- R671-6 SINGLE THRESHOLD DEVICE REALIZATION SUBJECT TO SENSITIVITY REQUIREMENTS \* G. H. BLOMGREN, H. C. TORNG  
(J. FRANKLIN INST., VOL. 281, PP. 143-153, FEBRUARY 1966).
- R671-14 RANDOM-PROCESS SIMULATION AND MEASUREMENTS \* GRANINO A. KORN  
(NEW YORK, MCGRAW-HILL, 1966, 234 PP).
- R671-16 COMPUTERS AND THOUGHT \* EDWARD A. FEIGENBAUM, (ED.) JULIAN FELDMAN, (ED.)  
(NEW YORK, MCGRAW-HILL, 1963, 535 PP).
- R672-17 LOGIC, AUTOMATA, ALGORITHMS (RUSSIAN) \* M. A. AIZERMANN, L. A. GUSEV, L. I. ROSENAUR, I. M. SMIRNOV, A. A. TAL  
(USSR, GOVERNMENT PUBLICATIONS OF PHYSICAL MATHEMATICAL LITERATURE, 556 PAGES).
- R672-19 INTRODUCTION TO THE THEORY OF SWITCHING CIRCUITS \* E. J. MCCLUSKEY  
(NEW YORK, ELECTRICAL AND ELECTRONIC ENGINEERING SERIES, MCGRAW-HILL, 1965, 318 PAGES).
- R672-24 FORMAL PROPERTIES OF GRAMMARS \* NAOM CHOMSKY  
(HANDBOOK OF MATHEMATICAL PSYCHOLOGY, R.O. LUCE, R.R. BUSH, E. GALANTER, EOS., VOL. 2, NEW YORK, WILEY, 1963).
- R672-25 A SYNTAX-ORIENTED TRANSLATOR \* PETER ZILAHY INGERMAN  
(NEW YORK, ACADEMIC PRESS, 1966).
- R672-31 TRANSFER FUNCTIONS AND THE MATRIX COMPUTER \* PIERRE M. HONNELL, R. J. MULHOLLAND  
(PROC. INTERNAT'L ASSOC. FOR ANALOG COMPUTATION, VOL. 8, APRIL 1966).
- R675-51 ELECTRONIC DIGITAL SYSTEMS \* R. K. RICHARDS  
(NEW YORK, WILEY, 1966).
- R675-54 LINEAR BOUNDED AUTOMATA \* JOHN MYHILL  
(WRIGHT-PATTERSON AF BASE, OHIO, AD-246 595, WADO TECH. NOTE 60-165, 1960).
- R675-54 THREE THEOREMS ON PHRASE STRUCTURE GRAMMARS OF TYPE 1 \* PETER S. LANOWEBER  
(INFORMATION AND CONTROL, VOL. 6, PP. 131-136, 1963).

- R675-59 THE ANALOGUE COMPUTER SIMULATION OF AN ALLOY JUNCTION TRANSISTOR WIDE BAND EQUIVALENT CIRCUIT \*  
E. A. FREEMAN, M. R. KARAKSI  
(ANN. ASSOC. INTERNAT'L CALCUL ANALOGIQUE, VOL. 9, PP. 24-29, JANUARY 1967).
- R675-60 ADAC - A PROGRAMMED DIRECT ANALOG COMPUTER \* YAKUP PAKER, STEPHEN UNGER  
(ANN. ASSOC. INTERNAT'L CALCUL ANALOGIQUE, VOL. 9, PP. 16-23, JANUARY 1967).
- SAOC66 SYSTEM ANALYSIS BY DIGITAL COMPUTER  
REVIEWED IN IEEC674 527 R67-44  
EDITED BY FRANKLIN F. KUO AND JAMES F. KAISER  
NEW YORK, WILEY, 1966.  
TA345.K86 LC CARD NO. 66-25226
- SAOC66 1 NETWORK ANALYSIS BY DIGITAL COMPUTER \* F. F. KUO  
SAOC66 34 ANALYSIS AND ITERATIVE DESIGN OF NETWORKS USING ON-LINE SIMULATION \* H. C. SO  
SAOC66 59 STATE-SPACE TECHNIQUES FOR GENERAL ACTIVE NETWORK ANALYSIS \* C. POTTLE  
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SAOC66 218 DIGITAL FILTERS \* J. F. KAISER  
SAOC66 286 A SAMPLED-DATA SYSTEM SIMULATION LANGUAGE \* B. J. KARAFIN  
SAOC66 315 HYBRID COMPUTER TECHNIQUES AND APPLICATIONS \* J. CHERNAK  
SAOC66 349 A LANGUAGE AND SYSTEM FOR SYMBOLIC ALGEBRA \* W. S. BROWN  
SAOC66 375 COMPUTER-PRODUCED MOVIES \* K. C. KNOWLTON  
SAOC66 395 MAN-COMPUTER GRAPHIC COMMUNICATION \* W. H. NINKE
- SAMD64 STATISTICAL ASSOCIATION METHODS FOR MECHANIZED DOCUMENTATION  
EDITED BY MARY E. STEVENS, VINCENT E. GIULIANO AND LAURENCE B. HEILPRIN  
WASHINGTON, D.C., MARCH 17-19, 1964. WASHINGTON, NBS MISC. PUB. 269, 1965.  
QC100.U57 LC CARD NO. 65-60077
- SAMD64 3 HISTORICAL FOUNDATIONS OF RESEARCH ON STATISTICAL ASSOCIATION TECHNIQUES FOR MECHANIZED DOCUMENTATION \*  
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JOSEPH SPIEGEL, EDWARD M. BENNETT
- SAMD64 61 THE CONSTRUCTION OF A THESAURUS AUTOMATICALLY FROM A SAMPLE OF TEXT \* SALLY F. DENNIS  
SAM064 149 LATENT CLASS ANALYSIS AS AN ASSOCIATION MODEL FOR INFORMATION RETRIEVAL \* FRANK B. BAKER  
SAM064 161 THE MEASUREMENT OF INFORMATION FROM A FILE \* ROBERT M. HAYES  
SAM064 163 VECTOR IMAGES IN DOCUMENT RETRIEVAL \* PAUL SWITZER  
SAM064 167 THREADED TERM ASSOCIATION FILES \* MARK SEIDEL  
SAM064 177 STATISTICAL VOCABULARY CONSTRUCTION AND VOCABULARY CONTROL WITH OPTICAL COINCIDENCE \* BASIL DOBONIKOFF,  
ARTHUR N. CONNER JR
- SAM064 181 A COMPUTER-PROCESSED INFORMATION-RECORDING AND ASSOCIATION SYSTEM \* G. N. ARNOVICK  
SAM064 189 CAN CITATION INDEXING BE AUTOMATED \* EUGENE GARFIELD  
SAM064 193 SOME STATISTICAL PROPERTIES OF CITATIONS IN THE LITERATURE OF PHYSICS \* M. M. KESSLER  
SAM064 201 AN EVALUATION PROGRAM FOR ASSOCIATIVE INDEXING \* GERARD SALTON  
SAM064 213 EVALUATION OF AUTOMATIC INDEXING USING CITED TITLES \* MARY ELIZABETH STEVENS, GENEVIE H. URBAN  
SAM064 217 RESULTS OF CLASSIFYING DOCUMENTS WITH MULTIPLE DISCRIMINANT FUNCTIONS \* J. H. WILLIAMS  
SAM064 225 RANK ORDER PATTERNS OF COMMON WORDS AS DISCRIMINATORS OF SUBJECT CONTENT IN SCIENTIFIC AND TECHNICAL PROSE  
\* EVERETT M. WALLACE
- SAMD64 230 CLUMPING TECHNIQUES AND ASSOCIATIVE RETRIEVAL \* A. G. DALE, N. DALE  
SAM064 237 STATISTICAL ASSOCIATION METHODS FOR SIMULTANEOUS SEARCHING OF MULTIPLE DOCUMENT COLLECTIONS \*  
WILLIAM HAMMOND
- SAM064 245 STUDIES ON THE RELIABILITY AND VALIDITY OF FACTOR-ANALYTICALLY DERIVED CLASSIFICATION CATEGORIES \*  
HAROLD BORKO
- SCAM669 SCIENTIFIC AMERICAN  
INFORMATION ISSUE, SEPTEMBER 1966.  
HC59.S363 LC CARD NO. 63-22566
- SCAM669 64 INFORMATION \* JOHN MCCARTHY  
SCAM669 74 COMPUTER LOGIC AND MEMORY \* DAVID C. EVANS  
SCAM669 86 COMPUTER INPUTS AND OUTPUTS \* IVAN E. SUTHERLAND  
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## COMPUTER LITERATURE BIBLIOGRAPHY, VOLUME 2, 1964—1967

- ACJ THE AUSTRALIAN COMPUTER JOURNAL (NOV. 1967- )
- ACT 66 ADVANCES IN COMPUTER TYPESETTING, CONF. PROC. (ENGLAND 1966)
- AEP 65 AUTOMATION AND ELECTRONICS IN PUBLISHING (SPARTAN BOOKS 1965)
- AIC ADVANCES IN COMPUTERS (ACADEMIC PRESS 1964- )
- APNC65 ADVANCES IN PROGRAMMING AND NON-NUMERICAL COMPUTATION (PERGAMON 1966)
- ARIS ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY (1966- )
- AUS 66 PROCEEDINGS OF THE THIRD AUSTRALIAN COMPUTER CONFERENCE (1966)
- BIT NORDISK TIDSKRIFT FOR INFORMATION-BEHANDLING (1964- )
- BJCC66 PROCEEDINGS OF BRITISH JOINT COMPUTER CONFERENCE (1966)
- CACD67 COMPUTER APPLICATIONS IN CONCRETE DESIGN AND TECHNOLOGY (AM C INST 67)
- CACM COMMUNICATIONS OF THE ACM (1964- )
- CAE 65 THE COMPUTER IN AMERICAN EDUCATION (WILEY 1967)
- CAHR64 COMPUTER AUGMENTATION OF HUMAN REASONING (SPARTAN BOOKS 1965)
- CAIT65 THE COMING AGE OF INFORMATION TECHNOLOGY (DOCUMENTATION INC 1965)
- CAN 64 COMPUTING AND D. P. SOCIETY OF CANADA, CONF. PROC. (1964)
- CGN IEEE COMPUTER GROUP NEWS (1966- )
- CHUM COMPUTERS AND THE HUMANITIES (1966- )
- CIBR65 COMPUTERS IN BIOMEDICAL RESEARCH (ACADEMIC PRESS 1965)
- CIHR67 COMPUTERS IN HUMANISTIC RESEARCH (PRENTICE-HALL 1967)
- COIN COMPUTER AND INFORMATION SCIENCES (1963, 1966)
- CPAU COMPUTERS AND AUTOMATION (1964- )
- DCUH67 DIGITAL COMPUTER USER'S HANDBOOK (MCGRAW-HILL 1967)
- DFA 63 DISC FILE APPLICATIONS SYMPOSIUM (1963)
- DTMN DATAMATION (1964- )
- EIH ELECTRONIC INFORMATION HANDLING (1964, 1967)
- FJCC FALL JOINT COMPUTER CONFERENCE PROCEEDINGS (1964-1967)
- IAPS62 INFORMATION AND PREDICTION IN SCIENCE (ACADEMIC PRESS 1965)
- IBFC65 THE IMPACT OF BATCH FABRICATION ON FUTURE COMPUTERS (IEEE 1965)
- IBMJ IBM JOURNAL OF RESEARCH AND DEVELOPMENT (1964- )
- IBMS IBM SYSTEMS JOURNAL (1964- )
- ICCB INTERNATIONAL COMPUTATION CENTRE BULLETIN (1964- )
- IECC67 FIRST ANNUAL IEEE COMPUTER CONFERENCE (IEEE 1967)
- IEEC IEEE TRANSACTIONS ON ELECTRONIC COMPUTERS (1964- )
- IEEP66D PROCEEDINGS OF THE IEEE, COMPUTER ISSUE (DEC 1966)
- IFCN INFORMATION AND CONTROL (1964- )
- IFIP65 INT. FED. FOR INFORMATION PROCESSING (SPARTAN BOOKS 1965)
- ISC 64 INFORMATION SYSTEMS COMPATABILITY (SPARTAN BOOKS 1965)
- ISP 62 INTRODUCTION TO SYSTEM PROGRAMMING (ACADEMIC PRESS 1964)
- ISS 64 INFORMATION SYSTEM SCIENCES (SPARTAN BOOKS 1965)
- ISS 66 INFORMATION SYSTEM SCIENCES AND TECHNOLOGY (THOMPSON BOOK CO 1967)
- JACM JOURNAL OF THE ACM (1964- )
- MCSB64 MATH. AND COMPUTER SCI. IN BIOLOGY AND MEDICINE (LONDON 1965)
- MCST65 MODERN CONTROL SYSTEMS THEORY (MCGRAW-HILL 1965)
- MIS 64 MILITARY INFORMATION SYSTEMS (F.A. PRAEGER 1964)
- MISI65 MANAGEMENT INF. SYSTEMS AND THE INF. SPECIALIST (PURDUE UNIV PR 1966)
- MMDC MATHEMATICAL METHODS FOR DIGITAL COMPUTERS, VOL I AND II (WILEY 1960)
- NCIR NATIONAL COLLOQUIUM ON INFORMATION RETRIEVAL (1964, 65, 66, 67)
- NLAC63 NATURAL LANGUAGE AND THE COMPUTER (MCGRAW-HILL 1963)
- OEIP64 OPTICAL AND ELECTRO-OPTICAL INFORMATION PROCESSING (MIT PRESS 1965)
- OLCS65 SYMPOSIUM ON ON-LINE COMPUTING SYSTEMS (LOS ANGELES 1965)
- PACM PROC. (AND PREPRINTS) OF THE ACM NATIONAL CONFERENCES (1964- )
- R REVIEWS FROM IEEE TRANS. ON ELECTRONIC COMPUTERS (1964- )
- SADC66 SYSTEM ANALYSIS BY DIGITAL COMPUTER (WILEY 1966)
- SAMD64 STAT. ASSN. METHODS FOR MECHANIZED DOCUMENTATION (NBS MISC PUB 1965)
- SCAM669 SCIENTIFIC AMERICAN, INFORMATION ISSUE (SEPT 1966)
- SIM SIMULATION (FALL, 1963- )
- SJCC SPRING JOINT COMPUTER CONFERENCE PROCEEDINGS (1964, 1966, 1967)
- TCB THE COMPUTER BULLETIN (1964- )
- TCJ THE COMPUTER JOURNAL (1964- )
- UCAE66 USE OF COMP IN ANAL. OF EXP. DATA AND THE CONTROL OF NUCLR. FAC. (66)
- UCAN62 SYMPOSIUM ON THE USE OF COMPUTERS IN ANTHROPOLOGY (MOUTON 1965)
- UDCE65 THE USE OF DIGITAL COMPUTERS IN ELECTRIC POWER SYSTEMS (ORIEL P 1967)





