# Computer Literature Bibliography 1946 to 1963



United States Department of Commerce
National Bureau of Standards
Miscellaneous Publication 266

# COMPUTER LITERATURE BIBLIOGRAPHY 1946 to 1963

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CACM
              COMMUNICATIONS OF THE ACM (1958- )
JACM
              JOURNAL OF THE ASSOCIATION FOR COMPUTING MACHINERY (1954- )
PACM
              PROC. (AND PREPRINTS) OF THE ACM NATIONAL MEETINGS (1952- )
              EASTERN JOINT COMPUTER CONFERENCE PROC. (1951-1961)
EJCC
FJCC
             FALL JOINT COMPUTER CONFERENCE PROC. (1962- )
              WESTERN JOINT COMPUTER CONFERENCE PROC. (1953-1961)
WJCC
SJCC
              SPRING JOINT COMPUTER CONFERENCE PROC. (1962- )
PGEC
              TRANS. OF THE PROFESSIONAL GROUP ON ELECTRONIC COMPUTERS (1952-)
AADC60
              ANALOGUE AND DIGITAL COMPUTERS (PHILOSOPHICAL LIBRARY 1960)
              AUTOMATIC CODING (FRANKLIN INSTITUTE 1957) MONOGRAPH NO. 3
ACF157
ADC 53
              AUTOMATIC DIGITAL COMPUTATION, NAT. PHYS. LAB., ENGLAND (HMSO 1953)
AIC
              ADVANCES IN COMPUTERS (ACADEMIC PRESS 1960-)
ANL 53
              ARGONNE NATIONAL LABORATORY, COMPUTER SYMPOSIUM, ANL-5181, 1953
AODC62
              APPLICATIONS OF DIGITAL COMPUTERS (GINN 1963)
ARAP
              ANNUAL REVIEW IN AUTOMATIC PROGRAMMING (PERGAMON PRESS 1960- )
              PROC. OF AUSTRALIAN COMPUTER CONFERENCES (1951, 1957, 1960, 1963)
AUS
BCS 58
              THE BUSINESS COMPUTER SYMPOSIUM (PITMAN 1959)
BIT
              NORDISK TIDSKRIFT FOR INFORMATIONS- BEHANDLING (1961- )
              COMPUTER APPLICATIONS IN THE BEHAVIORAL SCIENCES (PRENTICE-HALL 62)
CABS62
CAMB49
              RPT OF A CONF ON H S AUTO CALCULATING-MACH., CAMBRIDGE, ENG., 1949
CAN
              CANADIAN CONF. FOR COMPUTING AND DATA PROCESSING (1958, 60, 62)
CAS
              COMPUTER APPLICATIONS SYMPOSIUM, ARMOUR RESEARCH FOUND. (1955-1962)
CATH63
              COMPUTERS AND THOUGHT (MCGRAW-HILL, 1963)
CCST61
              COMPUTER CONTROL SYSTEMS TECHNOLOGY (MCGRAW-HILL 1961)
              COMPUTER ENGINEERING (PERGAMON PRESS 1960)
CENG59
CHBK62
              COMPUTER HANDBOOK (MCGRAW-HILL 1962)
CLUN55
              THE COMPUTING LABORATORY IN THE UNIVERSITY (UNIV. OF WISC. 1957)
CPFS61
              COMPUTER PROGRAMMING AND FORMAL SYSTEMS (NORTH-HOLLAND 1963)
CTPC54
              CONF. ON TRAINING PERSONNEL FOR COMPUTERS (WAYNE UNIV. PRESS 1955)
DIP 62
              DIGITAL INFORMATION PROCESSORS (J. WILEY 1962)
ECIP55
              ELECTRONIC DIGITAL COMPUTERS AND INF. PROCESSING, DARMSTADT, 1955
EDPS61
              ELECTRONIC DATA PROCESSING SYMPOSIUM, LONDON (PITMAN 1963)
ELEC61
              ELECTRONIC COMPUTERS (PRENTICE-HALL 1961)
             FASTER THAN THOUGHT (PITMAN 1953)
HANDBOOK OF AUTOMATION, COMP. AND CONTROL, VOL. 2 (J. WILEY 1959)
FTT 53
HACC59
HARV
              HARVARD UNIVERSITY SYMPOSIA (1947, 1949, 1955, 1957, 1961)
IBMJ
              IBM JOURNAL OF RESEARCH AND DEVELOPMENT (1957- )
IBSJ
              IBM SYSTEMS JOURNAL (1962- )
              INTERNATIONAL COMPUTATION CENTRE BULLETIN (1958- )
ICC
ICIP59
              INT. CONF. ON INFORMATION PROCESSING, PARIS (UNESCO 1959)
ICS158
              INT. CONF. ON SCIENTIFIC INFORMATION, WASHINGTON, DC (NAS-NRC 1959)
IEES56
              INST. OF ELECTRICAL ENGINEERS, SUPPLEMENT PART B VOL. 103, 1956
IFIP62
              INT. FED. FOR INFORMATION PROCESSING, MUNICH (NORTH-HOLLAND 1962)
LCMT61
              SYMP. ON LARGE CAPACITY MEMORY TECHNIQUES (MACMILLAN 1962)
              HIGH-SPEED COMPUTER CONF. (LOUISIANA STATE UNIV. 1955-1958)
PROC MANCHESTER UNIVERSITY COMPUTER INAUGURAL CONF., ENGLAND, 1951
LSU
MANC51
              MANAGEMENT AND THE COMPUTER OF THE FUTURE (J. WILEY 1962)
MCF 61
              MACHINE INDEXING, PROGRESS AND PROBLEMS (AMERICAN UNIV 1961)
MOORE SCHOOL OF ELECTRICAL ENGINEERING LECTURES, PHILADELPHIA, 1946
MIPP61
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              MACHINE TRANSLATION OF LANGUAGES, NAT. PHYS. LAB., ENG. (HMSO 1962)
MTL 61
              MECH. OF THOUGHT PROCESSES, NAT. PHYSICAL LAB., ENGLAND (HMSO 1959)
MTP 58
NCR
              NATIONAL (AND INTERNATIONAL) CONVENTION RECORD OF THE IRE (1953- )
NEWC57
              NEW COMPUTERS, A REPORT FROM THE MANUFACTURERS (ACM 1957)
NSMT60
              PROC. OF THE NAT. SYMP. ON MACHINE TRANSLATION (PRENTICE-HALL 1961)
OCR 62
              OPTICAL CHARACTER RECOGNITION (SPARTAN 1962)
              OFFICE OF NAVAL RESEARCH SYMPOSIA (1951, 52, 53, 54, 56, 58, 60)
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OPI 62
              SYMP. ON OPTICAL PROCESSING OF INFORMATION (SPARTAN PRESS 1963)
PC5 62
              PLANNING A COMPUTER SYSTEM (MCGRAW-HILL 1962)
              PROC. OF THE ELECTRONIC COMPUTER SYMPOSIUM, LOS ANGELES, 1952
PECS52
              PROC. IRE, COMPUTER ISSUES OCT 53, JAN 61, COMPUTER SECTION MAY 62
PIRE
              PROGRAMMED LEARNING AND COMPUTER-BASED INSTRUCTION (J. WILEY 1962)
PLCI61
PWCS54
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              RELIABILITY AND MAINT. OF COMPUTER SYSTEMS, LONDON (IEE 1960)
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ROME62
              SYMBOLIC LANGUAGES IN DATA PROCESSING, ROME (GORDON AND BREACH 62)
              REDUNDANCY TECHNIQUES FOR COMPUTING SYSTEMS (SPARTAN PRESS 1962)
RTCS62
SACI58
              SMALL AUTOMATIC COMPUTERS AND I/O EQUIP., LOS ANGELES 1958
              SELF-ORGANIZING SYSTEMS (PERGAMON PRESS 1959,61, SPARTAN PRESS 62)
SOS
              THE COMPUTER BULLETIN (1957- )
TCB
              THE COMPUTER JOURNAL (1958- )
TCJ
              THE THEORY OF MATHEMATICAL MACHINES (PERGAMON PRESS, 1963)
TOMM58
WCR
              WESCON CONVENTION RECORD OF THE IRE (1957-1960)
W0C062
              WORKSHOP ON COMPUTER ORGANIZATION (SPARTAN 1963)
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# Computer Literature Bibliography 1946 to 1963

W. W. Youden



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# Computer Literature Bibliography 1946 to 1963

W. W. Youden

Over 6,100 references are contained in this bibliography of computer literature published during the years 1946 through 1963. The Bibliography Section includes the full title and all of the authors of every article published in 9 journals, 21 books, and over 100 proceedings. No articles from other sources are included. The books selected are those that have chapters by individual authors, as such chapters are not normally indexed in most libraries.

The Title Word Index Section is used to find an article if any part of its title is known or to find all the articles whose titles include a particular word or phrase. The Author Index Section lists all authors of each article, but does not indicate whether an individual is the

sole author of the article.

The bibliography is intended not only to serve those in the computer field, but also to be an experiment in information retrieval to determine the value of cumulative KWIC and author indexes to published literature in a specific subject area.

#### INTRODUCTION

## How To Understand the Coden

All three sections of this computer literature bibliography use an 11-character (occasionally 12character) coden<sup>1</sup> to identify each article. The first four letters (sometimes three letters plus a space) are usually an acronym for the title of the book, journal, or proceeding. 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. The Bibliography Section is in the same sequence as the lists inside the covers. Sometimes an abbreviation is used instead of an acronym. For example, HARV is the four-letter abbreviation used for the proceedings of all conferences which took place at Harvard University.

Following the four-letter acronym are the last two digits of the year in which the article was first presented or published. For journals, the issue number is given immmediately 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. Last, separated by at least one space (with a few unavoidable exceptions), the starting page of the article is given.

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

CACM63N 660=Communications of the ACM. 1963, November, page 660

DIP 62 67 = Digital Information Processors, 1962, page 67

ICSI 582 823=International Conference on Scientific Information, 1958 Volume 2, page 823

A few exceptions to the rules above occur when a book or proceedings does not number its pages from start to finish, but numbers the pages of each article or chapter independently. In such cases the article or chapter identification used in the book or proceedings is used in the coden. For example:

PACM61 12A5=Preprints of the ACM, 1961, Paper 12A5

Another exception is made for the two journals that have a volume year slightly out of phase with the calendar year. For these journals the volume number, which is redundant information, is given to the left of the two year-digits, immediately following the three-letter acronym. The issue number is still given to the right of the two year-digits. For example:

TCJ5634 349=The Computer Journal, Volume 5, 1963, Issue 4, page 349.

The coden scheme as used in this bibliography eliminates double lookups2 that are required by most other published computer-produced indexes. scheme is most useful for cumulative indexes to a reasonably small set of books, journals, and proceedings. A heterogeneous collection of articles from hundreds of sources does not usually lend itself to this sort of treatment, nor should it be used for literature citations.3

<sup>&</sup>lt;sup>1</sup> Charles Bishop, An integrated approach to the documentation problem, American Documentation 4, 54-65 (April 1953).

<sup>2</sup> W. W. Youden, Characteristics of programs for KWIC and other computer produced indexes, Automation and Scientific Communication, 332, (1963).

<sup>3</sup> Letters to the editor, Science 120, 1038-1040 (1954).

# How To Use the Bibliography Section

In the Bibliography Section the major publications of the Association for Computing Machinery, the Joint Computer Conferences, and the IEEE Computer Group are listed first. This special group, with the acronyms CACM, JACM, PACM, EJCC, FJCC, WJCC, SJCC, and PGEC, constitutes almost half of all the references in this bibliography. All of the remaining acronyms follow in alphabetical sequence. Within each acronym the references are in year, issue number, and page number sequence.

Bibliographic information similar to that given on a library catalog card is given at the beginning of the listing for each book, journal, proceedings, or series of proceedings. The first line of this bibliographic information is almost always the title of the book, journal, etc. 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 gives 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.

## How To Use the Title Word Index

The Title Word Index is a permuted title or KWIC (Keyword-in-Context) <sup>4</sup> 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 aline 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 proper point to begin reading a line is at the longest white space. The line is read to its right-

<sup>4</sup> H. P. Luhn, Keyword-in-context index for technical literature (KWIC index), American Documentation, 11, 288-295 (Oct. 1960).

<sup>5</sup> R. A. Kennedy, Mechanized title word indexing of internal reports, Machine Indexing, Progress and Problems, 112-132, American University (1961).

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 the article or book chapter. Titles of foreign language articles have been translated (sometimes roughly) into English and then followed with the name of the foreign language in parentheses. Over 30 words such as AND, FOR OF, and THE have been prevented from indexing, and they are identified in their alphabetical place in the Title Word Index.

The wide format which results in less than 3 percent of the titles being chopped is based on the format of the Bell Telephone Laboratories permuted title index <sup>5</sup> rather than on the narrower format of earlier KWIC indexes. This format does not have the disadvantage of the KWOC or Keyword-out-of-context index, which makes the finding of a phrase or multiword entry difficult.

# How to Use the Author Index

All authors of each article 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 any of the following prefixes: DE, DEL, DEN, DER, DES, DI, LA, LE, ST, VAN, and VON. Authors may be listed with their given names in full and 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 several listings for 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-byword rather than letter-by-letter. Also note that MC... and MAC... are not interfiled.

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COMMUNICATIONS OF THE ACM, V. 1-
BALTIMORE, JANUARY 1958-
QA76.A772 LC CARD NO. 61-65941
CACM
                                                                A MACHINE METHOD FOR SQUARE-ROOT COMPUTATION * R. W. BEMER
TABLES FOR AUTOMATIC COMPUTATION * HERBERT S. WILF
A PROGRAMMED BINARY COUNTER FOR THE 1BM TYPE 650 CALCULATOR * B. C. KENNY, J. A. HUNTER
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A HIGH-SCANNING-RATE STORAGE DEVICE FOR COMPUTER APPLICATIONS

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COMPUTATION OF SIN N, COS N AND HOW A COPY NEURAL ELEMENTS BY ELECTRICAL NETWORKS BASED ON VOLTAGES  A TRANSISTORIZED, AUTOMATIC COMPUTATION IN FLIGHT DATA PROCESSING A REAL TIME PROGRAMMED CONTROL OF FITTING  MULTIPLIER  A A A A TECHNIQUES FOR PSEUDO-CODE TRANSLATION ON THE OUTLINE FOR A THE NT COEF/ NCTE ON DECOMPOSITION INTO FIRST ORDER A ABILISTIC ANALYSIS OF COMPUTING-LOAD ASSIGNMENT IN A SYMPOSIUM ON	MT AT THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY MT LINGUISTIC PROBLEMS THROUGH LEXICOGRAPHY MT RESEARCH AT THE UNIVERSITY OF CALIFORNIA MTH ROOT OF N USING AN ELECTRONIC COMPUTER MUCH SCIENCE CAN YOU HAVE AT YOUR FINGERTIPS MULTI-ADDRESSABLE RANDOM ACCESS FILE SYSTEM MULTI-ADDRESSABLE RANDOM ACCESS FILE SYSTEM MULTI-ADDRESSABLE RANDOM ACCESS FILE SYSTEM MULTI-CHANNEL MALLOG-DIGITAL CONVERSION SYSTEM FOR DC MULTI-CHANNEL, AIRBORNE VOLTAGE-TO-DIGITAL CONVERTER MULTI-COMPONENT DISTILLATION COLUMN DESIGN MULTI-COMPUTER SYSTEM FOR LUNAR AND PLANETARY SPACE MULTI-DIMENSIONAL HYPERCUBES, I, A PROGRESSIVE MULTI-DIMENSIONAL LEAST-SQUARES POLYNOMIAL CURVE MULTI-FONT READING MACHINE MULTI-LEVEL CODE PROCESSOR MULTI-LEVEL FLE STRUCTURE FOR INFORMATION PROCESSING MULTI-LEVEL PROGRAMMING WITH REAL TIME CONSTRAINTS MULTI-LEVEL STORAGE MACHINES MULTI-LIST ORGANIZED SYSTEM MULTI-LIST ORGANIZED SYSTEM MULTI-LIST SYSTEM FOR REAL-TIME STORAGE AND RETRIEVAL MULTI-PROCESSOR COMPUTER SYSTEM MULTI-PROGRAMMING (CONCURRENT PROGRAMS)	NSMT60 126 NSMT60 312 NSMT60 140 IBMJ592 147 IBMJ584 282 MCR 604 42 PIRE611 49 MJCC54 113 MCR 574 284 AUS 60 84-1 SJCC63 127 CR 62 2 IEES56 515 PACM59 24 MJCC60 53 PACM62 14 MJCC60 53 PACM62 14 MJCC60 224 PACM59 41 IFIP62 273 TCJ2593 144 ARAP623 163 FJCC63 163 FJC
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COMPUTATION OF SIN N, COS N AND HOW A COF NEURAL ELEMENTS BY ELECTRICAL NETWORKS BASED ON VOLTAGES  A TRANSISTORIZED, AUTOMATIC COMPUTATION IN A REAL TIME PROGRAMMED CONTROL OF PROCEDURE FITTING  MULTIPLIER  A TECHNIQUES FOR PSEUDO-CODE TRANSLATION ON THE OUTLINE FOR A THE NOT THE OUTLINE FOR A SYMPOSIUM ON CATION OF RESEARCH AND ENGINEERING MANPOWER WITHIN A RAMPS, A TECHNIQUE FOR RESOURCE ALLOCATION AND ING AND CONTROL RESOURCE ALLOCATION AND A CLASS OF	NT AT THE MASSACHUSETS INSTITUTE OF TECHNOLOGY MT LINGUISTIC PROBLEMS THROUGH LEXICOGRAPHY MT RESEARCH AT THE UNIVERSITY OF CALIFORNIA MTH ROOT OF N USING AN ELECTRONIC COMPUTER MUCH SCIENCE CAN YOU HAVE AT YOUR FINGERTIPS MULTI-ADDRESSABLE RANDOM ACCESS FILE SYSTEM MULTI-ADDRESSABLE RANDOM ACCESS FILE SYSTEM MULTI-ADPRIVE MACNETIC CORES THE SIMULATION MULTI-CHANNEL HAALOG-DIGITAL CONVERSION SYSTEM FOR DC MULTI-CHANNEL, AIRBORNE VOLTAGE-TO-DIGITAL CONVERTER MULTI-COMPOTER SYSTEM FOR LUNAR AND PLANETARY SPACE MULTI-COMPUTER SYSTEM FOR LUNAR AND PLANETARY SPACE MULTI-DIMENSIONAL LEAST-SQUARES POLYNOMIAL CURVE MULTI-INFONT READING MACHINE MULTI-LEVEL CODE PROCESSOR MULTI-LEVEL FILE STRUCTURE FOR USE IN A FAST BINARY MULTI-LEVEL FILE STRUCTURE FOR INFORMATION PROCESSING MULTI-LEVEL FILE STRUCTURE FOR INFORMATION PROCESSING MULTI-LEVEL FROGRAMMING WITH REAL TIME CONSTRAINTS MULTI-LEVEL FROGRAMMING WITH REAL TIME CONSTRAINTS MULTI-LIST ORGANIZED SYSTEM MULTI-LIST ORGANIZED SYSTEM MULTI-LIST ORGANIZED SYSTEM MULTI-PASS TRANSLATION SCHEME FOR ALGOL 60 MULTI-PROCESSOR COMPUTER SYSTEM MULTI-PROJECT SCHEDULING (RAMPS), A NEW TOOL IN PLANM MULTI-REGISTER SCHEMES FOR ARITHMETICAL OPERATIONS MULTI-SEQUENCE COMPUTER AS A COMMUNICATION STOSL MULTI-SEQUENCE COMPUTER AS A COMMUNICATION STOOL MULTI-SHOP MANUFACTURING COMPLEX /BY TELEPHONE, ON	NSMT60 126 NSMT60 312 NSMT60 140 IBMJ592 147 IBMJ584 282 MCR 604 42 PIRE611 49 MJCC54 113 MCR 574 284 AUS 60 84-1 SJCC63 127 IFIP62 545 TCJ6633 264 CACM599 29 OCR 62 3 IEES56 515 PACM59 24 MJCC60 53 PACM62 214 MJCC60 53 PACM62 214 HJCC63 147 IFIP62 273 TCJ2593 144 MGC062 214 MJCC63 147 IFIP62 570 TCJ2593 144 MGC062 214 MJCC63 147 IFIP62 570 TCJ2593 147 TCJ2593 147 IFIP62 570 TCJ2593 147 TCJ25
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GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION PROGRAM THAT GENERATES, EVALUATES PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION TECHNIQUES, ELECTROCARDIOGRAPHIC PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNITION, I PATTERN RECOGNITION, I	PGEC636 791 WJCC55 86 PGEC601 48 WJCC61 555 PGEC622 277 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS A STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SCHEME PATTERN RECOGNITION STATES ALGORITHMS PATTERN RECOGNITION TECHNIQUES, ELECTROCARDIOGRAPHIC PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNIZER PATTERN RECOGNIZER	PGEC636 791 WJCC55 86 PGEC601 48 WJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 472
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS A STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION DEGRAM THAT GENERATES, EVALUATES PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION TO SYNTHESIS ALGORITHMS PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNIZER PATTERN RECOGNIZER PATTERN SEPARATION COMPUTER PROGRAM	PGEC636 791 WJCC55 86 PGEC601 48 WJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 472 EJCC60 25
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF COMPUTER  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION PROGRAM THAT GENERATES, EVALUATES PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION TECHNIQUES, ELECTROCARDIOGRAPHIC PATTERN RECOGNITION WISHOM AUTOCORRELATION PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN SEPARATION COMPUTER PROGRAM PATTERN- AND CHARACTER-RECOGNITION STUDIES	PGEC636 791 WJCC55 86 PGEC601 48 WJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 472 EJCC60 25 WJCC59 291
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR , AND ADJUST ITS OWN OPERATORS A *LOGICAL	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION STORM PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNIZER PATTERN RECOGNIZER PATTERN RECOGNIZERS PATTERN SEPARATION COMPUTER PROGRAM PATTERN- AND CHARACTER-RECOGNITION STUDIES PATTERN-RECOGNITION PROGRAM THAT GENERATES, EVALUATES PATTERN-RECOGNITION PROGRAM	PGEC636 791 WJCC55 86 PGEC601 48 WJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 475 PGEC604 275 WJCC59 291 CATH63 251 IBMJ623 353
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF COMPUTER  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR , AND ADJUST ITS OWN OPERATORS  A *LOGICAL A SPATIALLY ITERATED MEMORY ORGAN	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION TECHNIQUES, ELECTROCARDIOGRAPHIC PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNITION, I PATTERN RECOGNIZER PATTERN RECOGNIZER PATTERN RECOGNIZER PATTERN SEPARATION COMPUTER PROGRAM PATTERN-AND CHARACTER-RECOGNITION STUDIES PATTERN-RECOGNITION PROGRAM THAT GENERATES, EVALUATES PATTERN-RECOGNITION PROGRAM PATTERN-PROGRAM PATT	PGEC636 791 WJCC55 86 MJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 472 EJCC60 472 EJCC60 251 WJCC59 291 CATH63 251 IBMJ623 353 PACM61 2C3
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR A *LOGICAL A SPATIALLY ITERATED MEMORY ORGAN GERMAN SYNTAX	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION STREAM THAT GENERATES, EVALUATES PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION STECHNIQUES, ELECTROCARDIOGRAPHIC PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNIZER PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN SEPARATION COMPUTER PROGRAM PATTERN-AND CHARACTER-RECOGNITION STUDIES PATTERN-RECOGNITION PROGRAM THAT GENERATES, EVALUATES PATTERN RECOGNITION PROGRAM PATTERN RECOGNITION PROGRAM PATTERN AFTER THE CEREBRAL CORTEX PATTERNS	PGEC636 791 WJCC55 86 WJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 220 MJCC60 351 PGEC604 472 EJCC60 25 MJCC50 2
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS A STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR , AND ADJUST ITS OWN OPERATORS A *LOGICAL A SPATIALLY ITERATED MEMORY ORGAN GERMAN SYNTAX QUASI-TOPOLOGICAL METHOD FOR THE RECOGNITION OF LINE	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION STORM PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNIZER PATTERN RECOGNIZER PATTERN RECOGNIZERS PATTERN SEPARATION COMPUTER PROGRAM PATTERN- AND CHARACTER-RECOGNITION STUDIES PATTERN-RECOGNITION PROGRAM PATTERN	PGEC636 791 WJCC55 86 PGEC601 48 MJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 472 EJCC60 25 WJCC59 291 CATH63 251 IBMJ623 353 PACM61 2C3 NSMT60 234 ICIP59 232
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR , AND ADJUST ITS OWN OPERATORS  A *LOGICAL A SPATIALLY ITERATED MEMORY ORGAN GERMAN SYNTAX QUASI-TOPOLOGICAL METHOD FOR THE RECOGNITION OF LINE OF ELECTROENCEPHALOGRAPH AND SIMILAR QUASI-RHYTHMIC	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION TECHNIQUES, ELECTROCARDIOGRAPHIC PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN AND CHARACTER-RECOGNITION STUDIES PATTERN-AND CHARACTER-RECOGNITION STUDIES PATTERN-AND CHARACTER-RECOGNITION STUDIES PATTERN-RECOGNITION PROGRAM PATTERNS PATTERNS PATTERNS PATTERNS PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS	PGEC636 791 WJCC55 86 MJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 176 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 472 EJCC60 472 EJCC60 251 UJCC59 291 CATH63 251 IBMJ623 353 PACM61 2C3 NSMT60 234 ICIP59 233
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS A STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWNING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR A *LOGICAL A SPATIALLY ITERATED MEMORY ORGAN GERMAN SYNTAX QUASI-TOPOLOGICAL METHOD FOR THE RECOGNITION OF LINE OF ELECTROENCEPHALOGRAPH AND SIMILAR QUASI-RHYTHMIC STICAL MODELS FOR RECALL AND RECOGNITION OF STIMULUS	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION SURGRAM THAT GENERATES, EVALUATES PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, I CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNIZION, I PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN RECOGNIZION COMPUTER PROGRAM PATTERN AND CHARACTER-RECOGNITION STUDIES PATTERN-RECOGNITION PROGRAM THAT GENERATES, EVALUATES PATTERN' RECOGNIZION PROGRAM PATTERNER RECOGNIZION PROGRAM PATTERNER AFTERNS PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS	PGEC636 791 WJCC55 86 WJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 220 MJCC60 351 PGEC604 472 EJCC60 25 MJCC50 25 MJCC59 291 CATH63 251 IBMJ623 353 PACM61 2C3 NSMT60 234 ICIP59 232 IFIP62 433 SOS 59 51
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS A STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR A *LOGICAL A SPATIALLY ITERATED MEMORY ORGAN GERMAN SYNTAX QUASI-TOPOLOGICAL METHOD FOR THE RECOGNITION OF LINE OF ELECTROENCEPHALOGRAPH AND SIMILAR QUASI-RHYTHMIC STICAL MODELS FOR RECALL AND RECOGNIZING A SCHEME FOR RECOGNIZING	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION STATE PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN SEPARATION COMPUTER PROGRAM PATTERN-AND CHARACTER-RECOGNITION STUDIES PATTERN-RECOGNITION PROGRAM PATTERN RECOGNITION PROGRAM PATTERN RECOGNITION PROGRAM PATTERN RECOGNITION PROGRAM PATTERN RECOGNITION PROGRAM PATTERNS PATTERNS PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS BY HUMAN OBSERVERS STATI	PGEC636 791 WJCC55 86 MJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 176 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 472 EJCC60 472 EJCC60 251 UJCC59 291 CATH63 251 IBMJ623 353 PACM61 2C3 NSMT60 234 ICIP59 233
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR , AND ADJUST ITS OWN OPERATORS  A *LOGICAL A SPATIALLY ITERATED MEMORY ORGAN GERMAN SYNTAX QUASI-TOPOLOGICAL METHOD FOR THE RECOGNITION OF LINE OF ELECTROENCEPHALOGRAPH AND SIMILAR QUASI-RYTHMIC STICAL MODELS FOR RECALL AND RECOGNITION OF STIMULUS A SCHEME FOR RECOGNIZING REGRESSION AND CODED	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION PROGRAM THAT GENERATES, EVALUATES PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION TECHNIQUES, ELECTROCARDIOGRAPHIC PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN SEPARATION COMPUTER PROGRAM PATTERN-AND CHARACTER-RECOGNITION STUDIES PATTERN-AND CHARACTER-RECOGNITION STUDIES PATTERN RECOGNITION PROGRAM THAT GENERATES, EVALUATES PATTERNS PATTERNS PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS PATTERN	PGEC636 791 WJCC55 86 PGEC601 48 MJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 420 WJCC60 25 WJCC59 291 CATH63 251 IBMJ623 353 PACM61 2C3 NSMT60 234 ICIP59 232 IFIP62 433 SCS 59 51 CCR 62 227
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS A STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR A *LOGICAL A SPATIALLY ITERATED MEMORY ORGAN GERMAN SYNTAX QUASI-TOPOLOGICAL METHOD FOR THE RECOGNITION OF LINE OF ELECTROENCEPHALOGRAPH AND SIMILAR QUASI-RHYTHMIC STICAL MODELS FOR RECALL AND RECOGNITION OF STIMULUS A SCHEME FOR RECOGNIZING REGRESSION AND CODED CALCULATION OF FLUX ACCOUNTING FOR THE SOLDIER'S ACCOUNTING FOR THE SOLDIER'S	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION STATE PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNIZER PATTERN RECOGNIZER PATTERN RECOGNIZER PATTERN SEPARATION COMPUTER PROGRAM PATTERN AND CHARACTER-RECOGNITION STUDIES PATTERN-AND CHARACTER-RECOGNITION STUDIES PATTERN-COGNITION PROGRAM PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS BY HUMAN OBSERVERS PATTERNS STATI PATTERNS FROM AN UNSPECIFIED CLASS PATTERNS IN DATA EDITING PATTERNS IN DATA EDITING PATTERNS IN FERRITE MULTIPATH STRUCTURES	PGEC636 791 WJCC55 86 PGEC601 48 MJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 472 EJJCC60 25 WJCC59 291 CATH63 251 IBMJ623 353 PACM61 2C3 NSMT60 234 ICIP59 232 IFIP62 433 SOS 59 51 ICIP59 232 IFIP62 433 SOS 59 51 COR 62 27 CACM627 409 NCR 584 269
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR , AND ADJUST ITS OWN OPERATORS  A SPATIALLY ITERATED MEMORY ORGAN GERMAN SYNTAX QUASI-TOPOLOGICAL METHOD FOR THE RECOGNITION OF LINE OF ELECTROENCEPHALOGRAPH AND SIMILAR QUASI-RHYTHMIC STICAL MODELS FOR RECALL AND RECOGNITION OF STIMULUS A SCHEME FOR RECOGNIZING REGRESSION AND CODED CALCULATION OF FLUX ACCOUNTING FOR THE SOLDIER'S OF LARGE SCALE DATA PROCESSING INTO THE ROYAL ARMY	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION TECHNIQUES, ELECTROCARDIOGRAPHIC PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN ACCOGNITION PROGRAM PATTERN-AND CHARACTER-RECOGNITION STUDIES PATTERN-RECOGNITION PROGRAM PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS BY HUMAN OBSERVERS PATTERNS BY HUMAN OBSERVERS PATTERNS IN DATA EDITING PATTERNS IN DATA EDITING PATTERNS IN DATA EDITING PATTERNS IN FERRITE MULTIPATH STRUCTURES PAY PAY CORPS PROBLEMS OF THE INTRODUCTION	PGEC636 791 WJCC55 86 MJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 176 NCR 602 66 IFIP62 413 CACM604 225 PGEC604 472 EJCC60 351 PGEC604 472 EJCC60 251 NSMT60 234 ICIP59 251 NSMT60 234 ICIP59 251 CACM627 409 NCR 62 227 CACM627 409 NCR 584 263 TCJ5634 249 TCJ3603 120
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS A STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR A *LOGICAL A SPATIALLY ITERATED MEMORY ORGAN GERMAN SYNTAX QUASI-TOPOLOGICAL METHOD FOR THE RECOGNITION OF LINE OF ELECTROENCEPHALOGRAPH AND SIMILAR QUASI-RHYTHMIC STICAL MODELS FOR RECALL AND RECOGNITION OF STIMULUS A SCHEME FOR RECOGNIZING REGRESSION AND CODED CALCULATION OF FLUX ACCOUNTING FOR THE SOLDIER'S OF LARGE SCALE DATA PROCESSING INTO THE ROYAL ARMY ACCOUNTING FOR THE SOLDIER'S	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION SURGRAM THAT GENERATES, EVALUATES PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, IN AN ADAPTIVE NETWORK PATTERN-ECOGNITION PROGRAM PATTERN-ECOGNITION PROGRAM PATTERN-ECOGNITION PROGRAM PATTERN-ECOGNITION PROGRAM PATTERNS PATTERNS PATTERNS PATTERNS PATTERNS PATTERNS PATTERNS PATTERNS PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS BY HUMAN OBSERVERS STATI PATTERNS BY HUMAN OBSERVERS PATTERNS IN DATA EDITING PATTERNS IN DATA EDITING PATTERNS IN DATA EDITING PATTERNS IN FERRITE MULTIPATH STRUCTURES PAY PAY CORPS PROBLEMS OF THE INTRODUCTION PAY, ORGANIZATION OF PROGRAMMING	PGEC636 791 WJCC55 86 MJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 251 PGEC604 472 EJCC60 25 WJCC60 25 WJCC50 25 LBMJ623 353 PACM61 2C3 NSMT60 234 ICIP59 232 IFIP62 433 SOS 59 51 DCR 62 227 CACM627 409 NCR 584 263 TCJ5634 249 TCJ3603 120 TCJ5634 258
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS STOCHASTIC MODEL FOR THE BROWNING-BLEDSOE AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR , AND ADJUST ITS OWN OPERATORS A *LOGICAL A SPATIALLY ITERATED MEMORY ORGAN QUASI-TOPOLOGICAL METHOD FOR THE RECOGNITION OF LINE OF ELECTROENCEPHALOGRAPH AND SIMILAR QUASI-RHYTHMIC STICAL MODELS FOR RECALL AND RECOGNITION OF STIMULUS A SCHEME FOR RECOGNIZING REGRESSION AND CODED CALCULATION OF FLUX ACCOUNTING FOR THE SOLDIER'S OF LARGE SCALE DATA PROCESSING INTO THE ROYAL ARMY ACCOUNTING FOR THE SOLDIER'S A NEW METHOD FOR THE	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION SURGRAM THAT GENERATES, EVALUATES PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, I PATTERN RECOGNITION, I PATTERN RECOGNIZER PATTERN RECOGNIZER PATTERN RECOGNIZER PATTERN RECOGNIZER PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN-ECOGNITION PROGRAM PATTERN-ECOGNITION PROGRAM PATTERN-RECOGNITION PROGRAM PATTERN-RECOGNITION PROGRAM PATTERN-RECOGNITION PROGRAM PATTERNS PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS PATTERNS PATTERNS PATTERNS PATTERNS PATTERNS BY HUMAN OBSERVERS PATTERNS FROM AN UNSPECIFIED CLASS PATTERNS IN DATA EDITING PATTERNS IN FERRITE MULTIPATH STRUCTURES PAY PAY CORPS PROBLEMS OF THE INTRODUCTION PAY, ORGANIZATION OF PROGRAMMING PAYMENT OF BILLS AND THE TRANSFER OF CREDIT	PGEC636 791 WJCC55 86 PGEC601 48 WJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 175 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 472 EJJCC60 25 WJCC59 291 CATH63 251 IBMJ623 353 PACM61 2C3 NSMT60 234 ICIP59 232 IFIP62 433 SOS 59 DICR 62 27 CACM627 409 NCR 584 267 CACM627 409 NCR 584 269 TCJ5634 249 TCJ5634 258 JACM602 140
GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR A SPATIALLY ITERATED MEMORY ORGAN GERMAN SYNTAX QUASI-TOPOLOGICAL METHOD FOR THE RECOGNITION OF SIMULUS OF ELECTROENCEPHALOGRAPH AND SIMILAR QUASI-RYTHMIC STICAL MODELS FOR RECALL AND RECOGNITION OF SIMULUS A SCHEME FOR RECOGNIZING REGRESSION AND CODED  CALCULATION OF FLUX ACCOUNTING FOR THE SOLDIER'S OF LARGE SCALE DATA PROCESSING INTO THE ROYAL ARMY ACCOUNTING FOR THE SOLDIER'S A NEW METHOD FOR THE SOCIAL SERVICES BENEFITS,	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION TECHNIQUES, ELECTROCARDIOGRAPHIC PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION WITH AN ADAPTIVE NETWORK PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN RECOGNITION PROGRAM PATTERN-AND CHARACTER-RECOGNITION STUDIES PATTERN-RECOGNITION PROGRAM PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS PATTERNS PATTERNS PATTERNS PATTERNS PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS BY HUMAN OBSERVERS PATTERNS STATI PATTERNS BY HUMAN OBSERVERS PATTERNS IN DATA EDITING PATTERNS IN DATA EDITING PATTERNS IN DATA EDITING PATTERNS IN FERRITE MULTIPATH STRUCTURES PAY PAY CORPS PROBLEMS OF THE INTRODUCTION PAYMENT OF BILLS AND THE TRANSFER OF CREDIT PAYMENTS BY PUNCHED CARDS	PGEC636 791 WJCC55 86 MJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 76 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 472 EJCC60 472 EJCC60 251 WJCC59 291 CATH63 251 IBMJ623 353 PACM61 203 NSMT60 234 ICIP59 231 ISMJ623 353 PACM61 203 NSMT60 234 ICIP59 251 UR 62 27 CACM627 409 NCR 584 263 TCJ5634 258 JACM602 140
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GENERALIZATION OF A METHOD FOR THE DESIGN OF AND ADJUSTS ITS OWN OPERATORS AN EXPERIMENTAL INVESTIGATION OF A CLASS OF DIAGNOSIS  MULATIONS OF A PERCEPTUAL LEARNING MODEL FOR SENSORY PROVING THEOREMS BY A LINE-DRAWING STATISTICAL RECOGNITION FUNCTIONS AND THE DESIGN OF FILTER, A TOPOLOGICAL A GENERALIZED SCANNER FOR A SPATIALLY ITERATED MEMORY ORGAN GERMAN SYNTAX QUASI-TOPOLOGICAL METHOD FOR THE RECOGNITION OF SIMULUS OF ELECTROENCEPHALOGRAPH AND SIMILAR QUASI-RYTHMIC STICAL MODELS FOR RECALL AND RECOGNITION OF SIMULUS A SCHEME FOR RECOGNIZING REGRESSION AND CODED  CALCULATION OF FLUX ACCOUNTING FOR THE SOLDIER'S OF LARGE SCALE DATA PROCESSING INTO THE ROYAL ARMY ACCOUNTING FOR THE SOLDIER'S A NEW METHOD FOR THE SOCIAL SERVICES BENEFITS,	PATTERN RECOGNITION IN A SELF-ORGANIZING SYSTEM PATTERN RECOGNITION LOGIC PATTERN RECOGNITION PROGRAM THAT GENERATES, EVALUATES PATTERN RECOGNITION SCHEME PATTERN RECOGNITION SYNTHESIS ALGORITHMS PATTERN RECOGNITION TECHNIQUES, ELECTROCARDIOGRAPHIC PATTERN RECOGNITION USING AUTOCORRELATION PATTERN RECOGNITION, USING AUTOCORRELATION PATTERN RECOGNITION, CONCEPT FORMATION AND SYMBOL TRA PATTERN RECOGNITION, I PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN RECOGNIZERS PATTERN SEPARATION COMPUTER PROGRAM PATTERN-AND CHARACTER-RECOGNITION STUDIES PATTERN-RECOGNITION PROGRAM PATTERN-RECOGNITION PROGRAM PATTERNS BY HUMAN OBSERVERS PATTERNS PATTERNS DIGITAL COMPUTER USAGE IN ANALYSIS PATTERNS BY HUMAN OBSERVERS STATI PATTERNS FROM AN UNSPECIFIED CLASS PATTERNS IN DATA EDITING PATTERNS IN DATA EDITING PATTERNS IN FERRITE MULTIPATH STRUCTURES PAY PAY CORPS PROBLEMS OF THE INTRODUCTION PAY, ORGANIZATION OF PROGRAMMING PAYMENTS BY PUNCHED CARDS PAYROLL PAYMENTS BY PUNCHED CARDS	PGEC636 791 WJCC55 86 MJCC61 555 PGEC622 274 PGEC633 300 CACM620 527 PIRE611 76 NCR 602 66 IFIP62 413 CACM604 220 WJCC60 351 PGEC604 472 EJCC60 472 EJCC60 251 WJCC59 291 CATH63 251 IBMJ623 353 PACM61 203 NSMT60 234 ICIP59 231 ISMJ623 353 PACM61 203 NSMT60 234 ICIP59 251 UR 62 27 CACM627 409 NCR 584 263 TCJ5634 258 JACM602 140
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YOURRE, H. S. ESARI DIDDE NOT-OR LOGIC LIRCUITS YOURRE, H. S. MILLIMICROSECOND TRANSISTOR CURRENT SWITCHING TECHNIQUES YOUNTS, MARSHALL C. ONR SYMPOSIUM ON MICROWAVE TECHNIQUES FOR COMPUTING SYSTEMS YOWELL, E. C. INTERMEDIATE DATA PROCESSING POTENTIAL YOWELL, E. C. SOME GENERAL PRECEPTS FOR PROGRAMMERS YOWELL, E. C. THE SWAC, DESIGN FEATURES AND OPERATING EXPERIENCE ZADEH, LOTFI A. OPTIMAL CONTROL PROBLEMS IN DISCRETE-TIME SYSTEMS ZADOFF, S. USE OF A DIGITAL COMPUTER FOR AIRBORNE GUIDANCE AND NAVIGATION ZAGOR, HEBBERT I. EVALUATION OF FAILURE DATA ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZANCANANO, JOHN F. MULTIPLE SHOOTING METHOD FOR TWO-POINT BOUNDARY VALUE PROBLEMS ZARECHNAK, MICHAEL A FOURTH LEVEL OF LINGUISTIC ANALYSIS ZARECHNAK, MICHAEL CURRENT RESEARCH AT GEORGETOWN UNIVERSITY ZARECHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARECHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARECHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION	PGEL612 MJCC57 PGEC593 ACF157 LSU 55 PECS52 PIRE530 CCST61 EJCC57 MJCC57 PGEC594 CACM59N CACM620 MTL 611 NSMT60 JACM591 PACM581 IBMJ571	183 68 262 103 73 10 1294 389 64 94 489 613 159 63 267 24 61 57
YOURKE, H. S. ESAKI DIDDE NOT-OR LOGIC CIRCUITS YOURKE, H. S. MILLIMICROSECOND TRANSISTOR CURRENT SWITCHING TECHNIQUES YOUNTS, MARSHALL C. ONR SYMPOSIUM ON MICROWAVE TECHNIQUES FOR COMPUTING SYSTEMS YOWELL, E. C. A MECHANIZED APPROACH TO AUTOMATIC CODING YOWELL, E. C. INTERMEDIATE DATA PROCESSING POTENTIAL YOWELL, E. C. SOME GENERAL PRECEPTS FOR PROGRAMMERS YOWELL, E. C. THE SWAC, DESIGN FEATURES AND OPERATING EXPERIENCE ZADEH, LOTFI A. OPTIMAL CONTROL PROBLEMS IN DISCRETE-TIME SYSTEMS ZADOFF, S. USE OF A DIGITAL COMPUTER FOR AIRBORNE GUIDANCE AND NAVIGATION ZAGOR, HERBERT I. EVALUATION OF FAILURE DATA ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZANCANARO, JOHN F. MULTIPLE SHOOTING METHOD FOR TWO-POINT BOUNDARY VALUE PROBLEMS ZARECHNAK, MICHAEL A FOURTH LEVEL OF LINGUISTIC ANALYSIS ZARECHNAK, MICHAEL CURRENT RESEARCH AT GEORGETOWN UNIVERSITY ZARECHNAK, MICHAEL NESTING WITHIN THE PREPOSITIONAL STRUCTURE ZARECHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZAROMB, S. AN ANALYSIS OF DIFFUSION IN SEMICONDUCTORS ZAROONDAY, SERGE J. AYOAR, SPECIAL PURPOSE ANALOG MACHINE FOR YAW DATA REDUCTION	PGEL612 MJCC57 PGEC593 ACF157 LSU 55 PECS52 PIRE530 CCST61 EJCC57 WJCC57 WJCC57 WJCC57 WJCC57 MTL 611 NSMT60 NSMT60 NSMT60 NSMT60 NSMT60 JACM581 IBMJ571 JACM581	183 68 262 103 73 10 1294 389 64 94 489 613 159 63 267 24 617 619
YOURKE, H. S. ESAKI DIDDE NOT-OR LOGIC CIRCUITS YOURKE, H. S. MILLIMICROSECOND TRANSISTOR CURRENT SWITCHING TECHNIQUES YOURIS, MARSHALL C. ONR SYMPOSIUM ON MICROWAVE TECHNIQUES FOR COMPUTING SYSTEMS YOWELL, E. C. A MECHANIZED APPROACH TO AUTOMATIC CODING YOWELL, E. C. INTERMEDIATE DATA PROCESSING POTENTIAL YOWELL, E. C. SOME GENERAL PRECEPTS FOR PROGRAMMERS YOWELL, E. C. THE SWAC, DESIGN FEATURES AND OPERATING EXPERIENCE ZADEH, LOTFI A. OPTIMAL CONTROL PROBLEMS IN DISCRETE-TIME SYSTEMS ZADOFF, S. USE OF A DIGITAL COMPUTER FOR AIRBORNE GUIDANCE AND NAVIGATION ZAGOR, HERBERT I. EVALUATION OF FAILURE DATA ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZARCHNAK, MICHAEL A FOURTH LEVEL OF LINGUISTIC ANALYSIS ZARCHNAK, MICHAEL A FOURTH LEVEL OF LINGUISTIC ANALYSIS ZARCHNAK, MICHAEL NESTING WITHIN THE PREPOSITIONAL STRUCTURE ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZAROMB, S. AN ANALYSIS OF DIFFUSION IN SEMICONDUCTORS ZAROODNY, SERGE J. AYDAR, SPECIAL PURPOSE ANALOG MACHINE FOR YAW DATA REDUCTION ZASIO, J. J. A CIRCUIT PACKAGING MODEL FOR HIGH-SPEED COMPUTER TECHNOLOGY	PGEL612 MJCC57 PGEC593 ACF157 LSU 55 PECS52 PIRE530 CCST61 EJCC57 MJCC57 PGEC594 CACM59N CACM620 MTL 611 NSMT60 JACM591 PACM581 IBMJ571	183 68 262 103 73 10 1294 389 64 94 489 613 159 63 267 24 61 57 89 182
YOURRE, H. S. ESARI DIDDE NOT-OR LOGIC LIRCUITS YOURRE, H. S. MILLIMICROSECOND TRANSISTOR CURRENT SWITCHING TECHNIQUES YOUTS, MARSHALL C. ONR SYMPOSIUM ON MICROWAVE TECHNIQUES FOR COMPUTING SYSTEMS YOWELL, E. C. A MECHANIZED APPROACH TO AUTOMATIC CODING YOWELL, E. C. INTERMEDIATE DATA PROCESSING POTENTIAL YOWELL, E. C. SOME GENERAL PRECEPTS FOR PROGRAMMERS YOWELL, E. C. THE SWAC, DESIGN FEATURES AND OPERATING EXPERIENCE ZADEH, LOTFI A. OPTIMAL CONTROL PROBLEMS IN DISCRETE-TIME SYSTEMS ZADOFF, S. USE OF A DIGITAL COMPUTER FOR AIRBORNE GUIDANCE AND NAVIGATION ZAGOR, HERBERT I. EVALUATION OF FAILURE DATA ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZANCANARO, JOHN F. MULTIPLE SHOOTING METHOD FOR TWO-POINT BOUNDARY VALUE PROBLEMS ZARECHNAK, MICHAEL A FOURTH LEVEL OF LINGUISTIC ANALYSIS ZARECHNAK, MICHAEL CURRENT RESEARCH AT GEORGETOWN UNIVERSITY ZARECHNAK, MICHAEL NESTING WITHIN THE PREPOSITIONAL STRUCTURE ZARECHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZAROMB, S. AN ANALYSIS OF DIFFUSION IN SEMICONDUCTORS ZARODNY, SERGE J. AYDAR, SPECIAL PURPOSE ANALOG MACHINE FOR YAW DATA REDUCTION ZASIO, J. J. A CIRCUIT PACKAGING MODEL FOR HIGH-SPEED COMPUTER TECHNOLOGY ZASIO, J. J. A CIRCUIT PACKAGING MODEL FOR HIGH-SPEED COMPUTER TECHNOLOGY ZASIO, J. J. A IMPROVED TUNNEL DIODE MEMORY SYSTEM ZEMANEK, H. ELECTRONIC COMPUTERS AND INFORMATION PROCESSING APPARATUS AT THE VIENNA TECHNICAL UNIVERSITY	PGEL612 HJCC57 PGEC593 ACF157 LSU 55 PECS52 PIRE530 CCST61 EJCC57 HJCC57 HJCC57 HJCC57 HJCC57 HJCC57 HJCC594 CACM59N CACM59N TACM591 NSMT60 JACM591 PACM58 IBMJ633 IBMJ633 IBMJ633	183 68 262 103 73 10 1294 389 64 94 489 613 159 63 267 24 61 57 89 182
YOURKE, H. S. ESAKI DIDDE NOT-OR LOGIC CIRCUITS YOURKE, H. S. MILLIMICROSECOND TRANSISTOR CURRENT SWITCHING TECHNIQUES YOUNTS, MARSHALL C. ONR SYMPOSIUM ON MICROWAVE TECHNIQUES FOR COMPUTING SYSTEMS YOWELL, E. C. A MECHANIZED APPROACH TO AUTOMATIC CODING YOWELL, E. C. INTERMEDIATE DATA PROCESSING POTENTIAL YOWELL, E. C. SOME GENERAL PRECEPTS FOR PROGRAMMERS YOWELL, E. C. THE SWAC, DESIGN FEATURES AND OPERATING EXPERIENCE ZADEH, LOTFI A. OPTIMAL CONTROL PROBLEMS IN DISCRETE-TIME SYSTEMS ZADOFF, S. USE OF A DIGITAL COMPUTER FOR AIRBORNE GUIDANCE AND NAVIGATION ZAGOR, HERBERT I. EVALUATION OF FAILURE DATA ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZANCANARO, JOHN F. MULTIPLE SHOOTING METHOD FOR TWO-POINT BOUNDARY VALUE PROBLEMS ZARECHNAK, MICHAEL A FOURTH LEVEL OF LINGUISTIC ANALYSIS ZARECHNAK, MICHAEL CURRENT RESEARCH AT GEORGETOWN UNIVERSITY ZARECHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZAROMB, S. AN ANALYSIS OF DIFFUSION IN SEMICONDUCTORS ZAROODNY, SERGE J. AYDAR, SPECIAL PURPOSE ANALOG MACHINE FOR YAW DATA REDUCTION ZASIO, J. J. A CIRCUIT PACKAGING MODEL FOR HIGH-SPEED COMPUTER TECHNOLOGY ZASIO, J. J. A CIRCUIT PACKAGING MODEL FOR HIGH-SPEED COMPUTER TECHNOLOGY ZASIO, J. J. A CIRCUIT PACKAGING MODEL FOR HIGH-SPEED COMPUTER TECHNOLOGY ZASIO, J. J. AN IMPROVED TUNNEL DIODE MEMORY SYSTEM ZEMANEK, H. ELECTRONIC COMPUTERS AND INFORMATION PROCESSING APPARATUS AT THE VIENNA TECHNICAL UNIVERSITY ZEMANEK, H. THE LOGISTIC RELAY COMPUTER OF THE VIENNA TECHNICAL UNIVERSITY (GERMAN)	PGEL612 MJCC57 PGEC593 ACF157 LSU 55 PECS52 PIRE530 CCST61 EJCC57 MJCC57 MJCC57 MJCC594 CACM590 MTL 611 NSMT60 NSM	183 68 262 103 73 10 1294 389 64 489 613 159 63 267 24 61 57 89 182 199 56 207
YOURRE, H. S. BILLIMICROSECOND TRANSISTOR CURRENT SWITCHING TECHNIQUES YOUNTS, MARSHALL C. ONR SYMPOSIUM ON MICROMAVE TECHNIQUES FOR COMPUTING SYSTEMS YOWELL, E. C. A MECHANIZED APPROACH TO AUTOMATIC CODING YOWELL, E. C. INTERMEDIATE DATA PROCESSING POTENTIAL YOWELL, E. C. SOME GENERAL PRECEPTS FOR PROGRAMMERS YOWELL, E. C. THE SWAC, DESIGN FEATURES AND OPERATING EXPERIENCE ZADEH, LOTFI A. OPTIMAL CONTROL PROBLEMS IN DISCRETE-TIME SYSTEMS ZADOFF, S. USE OF A DIGITAL COMPUTER FOR AIRBORNE GUIDANCE AND NAVIGATION ZAGOR, HERBERT I. EVALUATION OF FAILURE DATA ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZANCANARO, JOHN F. MULTIPLE SHOOTING METHOD FOR TMO-POINT BOUNDARY VALUE PROBLEMS ZARECHNAK, MICHAEL A FOURTH LEVEL OF LINGUISTIC ANALYSIS ZARECHNAK, MICHAEL CURRENT RESEARCH AT GEORGETOWN UNIVERSITY ZARECHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZAROMB, S. AN ANALYSIS OF DIFFUSION IN SEMICONDUCTORS ZARODNY, SERGE J. AYDAR, SPECIAL PURPOSE ANALOG MACHINE FOR YAW DATA REDUCTION ZASIO, J. J. AN IMPROVED TUNNEL DIODE MEMORY SYSTEM ZEMANEK, H. ELECTRONIC COMPUTERS AND INFORMATION PROCESSING APPARATUS AT THE VIENNA TECHNICAL UNIVERSITY ZEMANEK, H. THE LOGISTIC RELAY COMPUTER OF THE VIENNA TECHNICAL UNIVERSITY (GERMAN)	PGEL612 HJCC57 PGEC593 ACF157 LSU 55 PECS52 PIRE530 CCST61 EJCC57 HJCC57 HJCC57 HJCC57 HJCC57 HJCC57 HJCC594 CACM59N CACM620 MTL 611 NSMT60 JACM591 PACM58 IBMJ633 IBMJ633 ECIP55 ECIP55 DIP 62	183 68 262 103 73 10 1294 389 64 94 481 57 63 267 24 61 57 89 189 56 207 1
YOURRE, H. S. ESARI DIUDE NOI-OR LUGIC CIRCUITS YOURRE, H. S. MILLIMICROSECOND TRANSISTOR CURRENT SWITCHING TECHNIQUES YOUTIS, MARSHALL C. ONR SYMPOSIUM ON MICROWAVE TECHNIQUES FOR COMPUTING SYSTEMS YOWELL, E. C. INTERMEDIATE DATA PROCESSING POTENTIAL YOWELL, E. C. INTERMEDIATE DATA PROCESSING POTENTIAL YOWELL, E. C. SOME GENERAL PRECEPTS FOR PROGRAMMERS YOWELL, E. C. THE SWAC, DESIGN FEATURES AND OPERATING EXPERIENCE ZADEH, LOTFI A. OPTIMAL CONTROL PROBLEMS IN DISCRETE-TIME SYSTEMS ZADOFF, S. USE OF A DIGITAL COMPUTER FOR AIRBORNE GUIDANCE AND NAVIGATION ZAGOR, HERBERT I. EVALUATION OF FAILURE DATA ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZANCANARO, JOHN F. MULTIPLE SHOOTING METHOD FOR TWO-POINT BOUNDARY VALUE PROBLEMS ZARCHNAK, MICHAEL A FOURTH LEVEL OF LINGUISTIC ANALYSIS ZARCHNAK, MICHAEL A FOURTH LEVEL OF LINGUISTIC ANALYSIS ZARCHNAK, MICHAEL NESTING WITHIN THE PREPOSITIONAL STRUCTURE ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZAROMB, S. AN ANALYSIS OF DIFFUSION IN SEMICONDUCTORS ZARODNY, SERGE J. AYDAR, SPECIAL PURPOSE ANALOG MACHINE FOR YAW DATA REDUCTION ZASIO, J. J. A CIRCUIT PACKAGING MODEL FOR HIGH-SPEED COMPUTER TECHNOLOGY ZASIO, J. J. AN IMPROVED TUNNEL DIODE MEMORY SYSTEM ZEMANEK, H. ELECTRONIC COMPUTERS AND INFORMATION PROCESSING APPARATUS AT THE VIENNA TECHNICAL UNIVERSITY ZEMANEK, H. ELECTRONIC COMPUTERS AND INFORMATION PROCESSING APPARATUS AT THE VIENNA TECHNICAL UNIVERSITY ZEMANEK, H. THE LOGISTIC RELAY COMPUTER OF THE VIENNA TECHNICAL UNIVERSITY (GERMAN) ZEMANEK, H. THE LOGISTIC RELAY COMPUTER OF THE VIENNA TECHNICAL UNIVERSITY (GERMAN)	PGEL612 MJCC57 PGEC593 ACF157 LSU 55 PECS52 PIRE530 CCST61 EJCC57 MJCC57 MJCC57 MJCC57 MJCC57 MJCC594 CACM59N CACM62D MTL 611 NSMT60	183 68 262 173 10 1294 389 64 948 95 63 267 63 267 61 57 89 182 199 56 207 1326
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YOURKE, H. S. ESART DIDDE NOT-OR LOGIC CIRCUITS YOURKE, H. S. MILLIMICROSECOND TRANSISTOR CURRENT SWITCHING TECHNIQUES YOURIS, MARSHALL C. ONR SYMPOSIUM ON MICROMAVE TECHNIQUES FOR COMPUTING SYSTEMS YOWELL, E. C. INTERMEDIATE DATA PROCESSING POTENTIAL YOWELL, E. C. INTERMEDIATE DATA PROCESSING POTENTIAL YOWELL, E. C. THE SWAC, DESIGN FEATURES AND OPERATING EXPERIENCE ZADEH, LOTFI A. OPTIMAL CONTROL PROBLEMS IN DISCRETE-TIME SYSTEMS ZADDFF, S. USE OF A DIGITAL COMPUTER FOR AIRBORNE GUIDANCE AND NAVIGATION ZAGOR, HERBERT I. EVALUATION OF FAILURE DATA ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZAITZEFF, E. M. RUSSIAN VISIT TO U.S. COMPUTERS ZARCHNAK, MICHAEL A FOURTH LEVEL OF LINGUISTIC ANALYSIS ZARCHNAK, MICHAEL A FOURTH LEVEL OF LINGUISTIC ANALYSIS ZARCHNAK, MICHAEL NESTING WITHIN THE PREPOSITIONAL STRUCTURE ZARCHNAK, MICHAEL HERE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARCHNAK, MICHAEL THREE LEVELS OF LINGUISTIC ANALYSIS IN MACHINE TRANSLATION ZARODNY, SERGE J. AYDAR, SPECIAL PURPOSE ANALOG MACHINE FOR YAW DATA REDUCTION ZASIO, J. J. A CIRCUIT PACKAGING MODEL FOR HIGH-SPEED COMPUTER TECHNOLOGY ZASIO, J. J. AN IMPROVED TUNNEL DIDDE MEMORY SYSTEM ZEMANEK, H. ELECTRONIC COMPUTERS AND INFORMATION PROCESSING APPARATUS AT THE VIENNA TECHNICAL UNIVERSITY ZEMANEK, H. THE LOGISTIC RELAY COMPUTER OF THE VIENNA TECHNICAL UNIVERSITY (GERMAN) ZEMANEK, H. THE LOGISTIC RELAY COMPUTER OF THE VIENNA TECHNICAL UNIVERSITY (GERMAN) ZEMANEK, H. SELF-CORRECTING CORRECTING GERMAN) ZENDEH, F. SELF-CORRECTING CORRECTING GERMAN OF TRAVELING SALESMAN PROBLEMS	PGEL612 MJCC57 PGEC593 ACF157 LSU 55 PECS52 PIRE530 CCST61 EJCC57 MJCC57 MJCC57 MJCC57 MJCC57 MJCC594 CACM59N CACM62D MTL 611 NSMT60	183 68 262 103 73 10 1294 389 64 489 613 159 63 267 24 613 159 63 267 27 182 182 182 183 183 183 183 183 183 183 183 183 183
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## THE NATIONAL BUREAU OF STANDARDS

The National Bureau of Standards is a principal focal point in the Federal Government for assuring maximum application of the physical and engineering sciences to the advancement of technology in industry and commerce. Its responsibilities include development and maintenance of the national standards of measurement, and the provisions of means for making measurements consistent with those standards; determination of physical constants and properties of materials; development of methods for testing materials, mechanisms, and structures, and making such tests as may be necessary, particularly for government agencies; cooperation in the establishment of standard practices for incorporation in codes and specifications; advisory service to government agencies on scientific and technical problems; invention and development of devices to serve special needs of the Government; assistance to industry, business, and consumers in the development and acceptance of commercial standards and simplified trade practice recommendations; administration of programs in cooperation with United States business groups and standards organizations for the development of international standards of practice; and maintenance of a clearinghouse for the collection and dissemination of scientific, technical, and engineering information. The scope of the Bureau's activities is suggested in the following listing of its four Institutes and their organizational units.

Institute for Basic Standards. Electricity. Metrology. Heat. Radiation Physics. Mechanics. Applied Mathematics. Atomic Physics. Physical Chemistry. Laboratory Astrophysics.\* Radio Standards Laboratory: Radio Standards Physics; Radio Standards Engineering.\*\* Office of Standard Reference Data.

Institute for Materials Research. Analytical Chemistry. Polymers. Metallurgy. Inorganic Materials. Reactor Radiations. Cryogenics.\*\* Office of Standard Reference Materials.

Central Radio Propagation Laboratory.\*\* Ionosphere Research and Propagation. Troposphere and Space Telecommunications. Radio Systems. Upper Atmosphere and Space Physics.

Institute for Applied Technology. Textiles and Apparel Technology Center. Building Research. Industrial Equipment. Information Technology. Performance Test Development. Instrumentation. Transport Systems. Office of Technical Services. Office of Weights and Measures. Office of Engineering Standards. Office of Industrial Services.

\*\* Located at Boulder, Colorado.

<sup>\*</sup> NBS Group, Joint Institute for Laboratory Astrophysics at the University of Colorado.