General Disclaimer

One or more of the Following Statements may affect this Document

- This document has been reproduced from the best copy furnished by the organizational source. It is being released in the interest of making available as much information as possible.

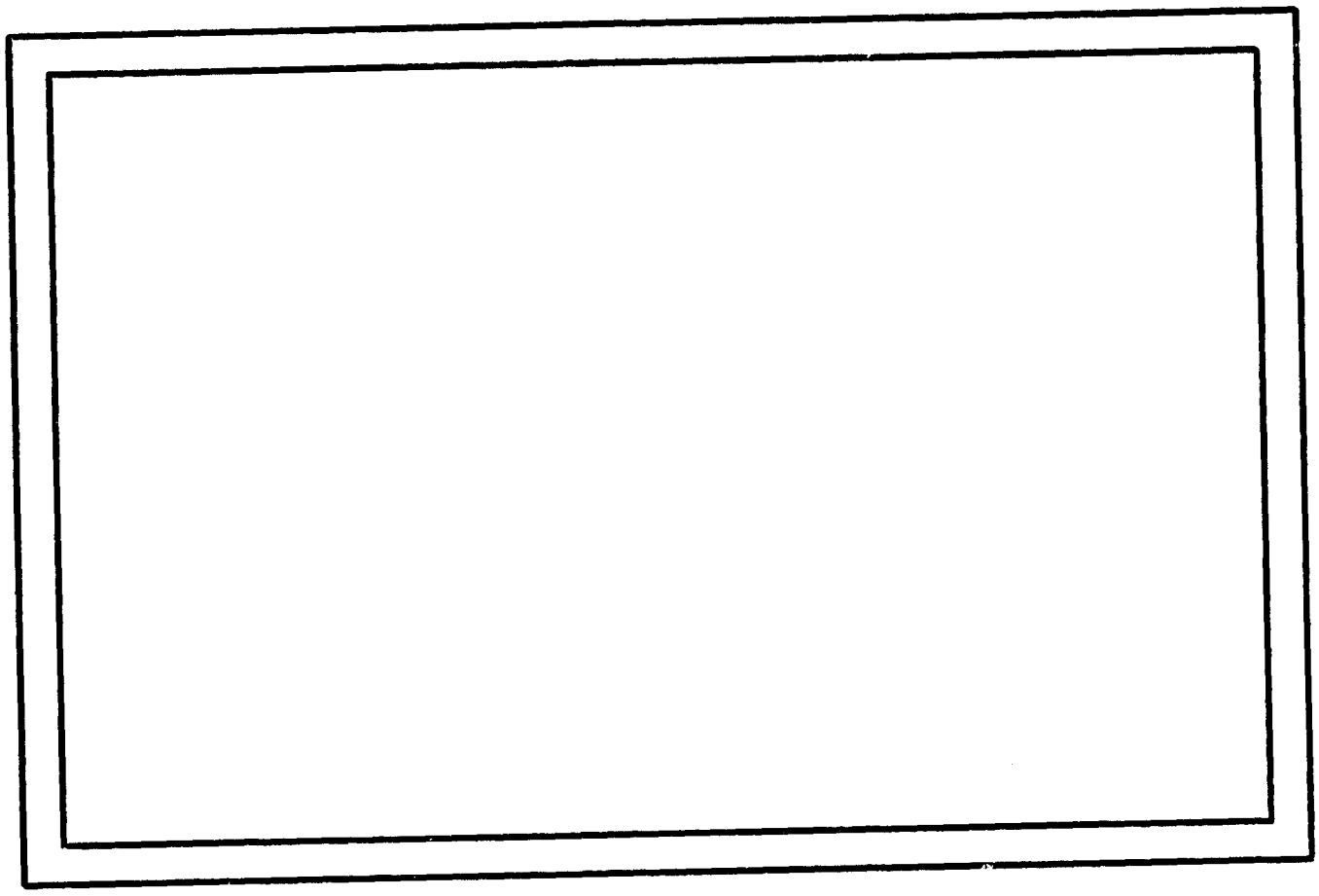
- This document may contain data, which exceeds the sheet parameters. It was furnished in this condition by the organizational source and is the best copy available.

- This document may contain tone-on-tone or color graphs, charts and/or pictures, which have been reproduced in black and white.

- This document is paginated as submitted by the original source.

- Portions of this document are not fully legible due to the historical nature of some of the material. However, it is the best reproduction available from the original submission.

Produced by the NASA Center for Aerospace Information (CASI)





UNIVERSITY OF MARYLAND
COMPUTER SCIENCE CENTER
COLLEGE PARK, MARYLAND

FACILITY FORM 602

N69-30316 (ACCESSION NUMBER) (THRU)

42 (PAGES) 1 (CODE)

CR 103212 (NASA CR OR TMX OR AD NUMBER) 34 (CATEGORY)

KEY WORD IN CONTEXT
INDEX AND BIBLIOGRAPHY
ON
COMPUTER SYSTEMS SIMULATION AND EVALUATION

May 1, 1969

By: Mrs. Sarah Crooke
Professor Jack Minker

This bibliography was accumulated under
NASA Grant NGR 21-002-197 to the University of Maryland

INTRODUCTION

This document presents the output from a keyword in context (KWIC) index program developed at the University of Maryland. Included as input to the KWIC index are the documents found to be relevant as a result of the literature search conducted under NASA Grant NGR21-002-197. The output consists of two parts: a sort on keywords in the document titles and a bibliography sequenced according to a code word assigned to each title. The bibliography includes title, author(s), and citation.

The documents selected contain information pertinent to the areas of system evaluation, simulation languages, mathematical modeling, and simulation techniques applicable to time-sharing, multiprocessing, and multiprogramming systems.

The documents included in this bibliography have been selected, after a review of numerous journals, primarily from the following sources:

1. KWIC Index of Computing Reviews
2. Communications of the ACM (1959-1969)
3. Journal of the ACM (1960-1969)
4. Proceedings of AFIPS Spring and Fall Computer Conferences (1960-1968)
5. Proceedings of the ACM National Conferences (1960-1968)
6. IBM Systems Journal
7. Defense Documentation Center (10/68-3/69)

As the documents have been reviewed, documents cited by relevant documents have been included in the bibliography also.

Future plans for expanding the bibliography include:

1. Request for a special search of the Defense Documentation Center files.
2. Request for computer search using NASA STAR program.
3. Continued literature search.

GLUSK67	OF A MULTIPLE	ACCESS	INFORMATION SYSTEM.=DESIGN THRU SIMULATION
DAVIS68	MPLICATIONS OF	ACCESSIBLE	COMPUTING.=SOME THOUGHTS ABOUT THE SOCIAL I
HAGT[illegible]9	CAPABILITY OF	ADATA	PROCESSING SYSTEM.=TWO THINK PIECES: ESTABLISHING A MEASURE OF
O[illegible]	W WITH DYNAMIC	ADDRESS	RELOCATION HARDWARE.=EXPERIENCE USING A TIME-SHARED MULTIPROGRAMMING SYSTE
A[illegible]Pa68	PROGRAM AND	ADDRESSING	STRUCTURE IN A TIME-SHARING ENVIRONMENT.=
JA[illegible]P68	STUDY OF	ADVANCED	ASSOCIATIVE PROCESSOR TECHNIQUES - INTERIM REPORT. =
[illegible]	SIMULA - AN	ALGOL	BASED SIMULATION LANGUAGE.=
S[illegible]E67	IN A PARALLEL	ALGORITHM	=EVALUATION OF REDUNDANCY
S[illegible]W67	ING SCHEDULING	ALGORITHMS	=SOME MATHEMATICAL CONSIDERATIONS OF TIME-SHAR
L[illegible]Ap68	TIME-SHARING -	ALGORITHMS	FOR SCHEDULING AND CONTROL OF COMPUTER RESOURCES.=A GENERAL APPROACH TO
C[illegible]M68	D TIME-SHARING	ALGORITHMS	DESIGNED FOR LIMITED SWAPPING.=ANALYSIS OF TW
A[illegible]68	AND SCHEDULING	ALGORITHMS	ON TIME-SHARING SYSTEMS.=A SIMULATION OF THE EFFECTS OF DYNAMIC STORAGE ALLOCA
[illegible]68	OF REPLACEMENT	ALGORITHMS	FOR A VIRTUAL STORAGE COMPUTER.=A STUDY
B[illegible]68	SCHEDULING AND	ALLOCATING	IN A COMMUNICATION ENVIRONMENT.=SCHEDU
[illegible]	RESOURCE	ALLOCATION	WITH INTERLOCK PROTECTION IN A MULTI-TASK SYSTEM.=
HA[illegible]68	YNAMIC STORAGE	ALLOCATION	SYSTEMS.=D
D[illegible]Ar68	RESOURCE	ALLOCATION	IN MULTIPROCESS COMPUTER SYSTEMS. =
A[illegible]68	YNAMIC STORAGE	ALLOCATION	HARDWARE AND SCHEDULING ALGORITHMS ON TIME-SHARING SYSTEMS.=A SIMULATION OF T
[illegible]		ANALYTIC	DESIGN OF A DYNAMIC LOOKAHEAD AND PROGRAM SEGMENT - SYSTEM FOR MULTIPROGRAMMED
R[illegible]68	MACHINES (SPM)	ANALYZED	WITH A QUEUEING THEORY MODEL.=SEQUENTIAL PROCESSING
R[illegible]68	EXPANSIVE QUEUE	ANALYZER	=ROA-1, THE R
M[illegible]68	N SYSTEMS - AN	ANNOTATED	BIBLIOGRAPHY (1961-1966).=REAL-TIME INFORMATIO
S[illegible]Ap68	LATION FOR THE	APOLLO	REAL-TIME OPERATING SYSTEM.=STATISTICS GATHERING AND SIMU
J[illegible]68		APPLICATION	BENCHMARKS: THE KEY TO MEANINGFUL COMPUTER EVALUATIONS.=
P[illegible]Ap68		APPLICATION	OF COST-EFFECTIVENESS ANALYSIS TO FOR SYSTEM SELECTION.=
FI[illegible]Cm68	OF QUEUES WITH	APPLICATION	TO COMPUTER SYSTEMS.=THE OPTIMAL CONTROL
W[illegible]67	AN	APPRAISAL	OF THE ATLAS SUPERVISOR.=
CA[illegible]67	G: SURVEY AND	APPRAISAL	=SYSTEM PERFORMANCE EVALUATI
GR[illegible]S63	HIGH SPEED	ARITHMETIC	THE DIGITAL COMPUTER AS A RESEARCH TOOL.=
CO[illegible]Am64	SYSTEM	ASPECT	SYSTEM/360 MODEL 92.=
V[illegible]SS68	THE AUTOMATIC	ASSIGNMENT	AND SEQUENCING OF COMPUTATIONS ON PARALLEL PROCESSOR SYSTEMS:=
W[illegible]C68	AUTOMATIC	ASSIGNMENT	OF COMPUTATIONAL TASKS IN A VARIABLE STRUCTURE COMPUTER.=
F[illegible]Am63	AUTOMATIC	ASSIGNMENT	OF COMPUTATIONS IN A VARIABLE STRUCTURE COMPUTER SYSTEM.=
A[illegible]M63	COMPUTING LOAD	ASSIGNMENT	IN A MULTIPROCESSOR COMPUTER SYSTEM.=A PROBABILISTIC ANALYSIS OF
W[illegible]E65	THE	ASSOCIATIVE	MEMORY STRUCTURE.=
JA[illegible]P68	DY OF ADVANCED	ASSOCIATIVE	PROCESSOR TECHNIQUES - INTERIM REPORT. =STU
G[illegible]Am67	PROCESSOR WITH	ASSOCIATIVE	CONTROL.=A MULTI
H[illegible]M	SE OF MULTIPLE	ASSOCIATIVE	MEMORIES IN PROGRAMMING THE GROWING MACHINE.=THE U
W[illegible]S67	PRAISAL OF THE	ATLAS	SUPERVISOR.=AN AP
KL[illegible]A	ISTRIBUTION OF	ATTAINED	SERVICE IN TIME-SHARED SYSTEMS.=D
ES[illegible]Co67	NSTRUMENTATION:	AUTOMATON	=SNUPER COMPUTER - A COMPUTER IN I
M[illegible]Kem	MPUTER SYSTEM	BEHAVIOR	=MARKOVIAN MODELS AND NUMERICAL ANALYSIS OF CO
PI[illegible]66	PROGRAM	BEHAVIOR	AND CONTROL IN VIRTUAL STORAGE COMPUTER SYSTEMS.=
FN[illegible]68	THE DYNAMIC	BEHAVIOR	OF PROGRAMS.=
FI[illegible]P66	YNAMIC PROGRAM	BEHAVIOR	UNDER PAGING.=D
B[illegible]66	PROGRAM	BEHAVIOR	IN A PAGING ENVIRONMENT.=
CO[illegible]V67	L STUDY OF THE	BEHAVIOR	OF PROGRAMS IN A PAGING ENVIRONMENT.=AN EMPIRICA
DE[illegible]S68	EL FOR PROGRAM	BEHAVIOR	=THE WORKING SET MOD
DE[illegible]N68	EL FOR CONSOLE	BEHAVIOR	IN MULTIUSER COMPUTERS.=A STATISTICAL MOD
JG[illegible]Ab65	APPLICATION	BENCHMARKS	THE KEY TO MEANINGFUL COMPUTER EVALUATIONS.=
HI[illegible]T66	- AN ANNOTATED	BIBLIOGRAPHY	(1961-1966).=REAL-TIME INFORMATION SYSTEMS
C[illegible]D68		BOUNDED-INPUT	BOUNDED-OUTPUT STABILITY OF LINEAR TIME-VARYING FEEDBACK SYSTEMS.=
C[illegible]D68	BOUNDED-INPUT	BOUNDED-OUTPUT	STABILITY OF LINEAR TIME-VARYING FEEDBACK SYSTEMS.=
C[illegible]P67	NG PERFORMANCE	BOUNDS	FOR MODULAR MEMORY SYSTEMS.=A SIMPLE PROBABILITY MODEL YIELDI
KL[illegible]	OPTIMUM	BRIDGE	FOR OUTAGE POSITION.=
H[illegible]W68	SYSTEMS: MODEL	BUILDING	SIMULATION, AND EVALUATION.=SYSTEM

```
LAUBC67                      BULK          CORE IN A 360/67 TIME-SHARING SYSTEM.=
STIM66      ETHODOLOGY FOR   CALCULATING   AND OPTIMIZING REAL-TIME SYSTEM PERFORMANCE.=A "
BAGTT68     G A MEASURE OF   CAPABILITY    OF ADATA PROCESSING SYSTEM).=TWO THINK PIECES: ESTABLISHIN
FIKST68     EM USING LARGE   CAPACITY     CORE STORAGE AND TSS/360.=STEPS TOWARDS TO A GENERAL-PURPOSE TIME-SHARING SYST
DEGTI68     THRASHING: ITS   CAUSES        AND ITS PREVENTION =THRASH
GURSR68     ATION HANDLING   CENTERS       =STORAGE REQUIREMENTS FOR INFORM
WHIR64      IVE EFFECTS OF   CENTRAL        PROCESSOR AND INPUT-OUTPUT SPEEDS UPON THROUGHPUT ON THE LARGE COMPUTER.=RELAT
MENCS65     M CONCERNING A   CENTRAL        STORAGE DEVICE SERVED BY MULTIPLE TERMINALS.=ON A PROBLE
EIMU68      TI-QUEUES WITH   CHANGEOVER     TIMES.=NUL
KNCC66                       CHANGES        IN COMPUTER PERFORMANCE.=
CHACC65           COMPUTER   CHANNEL        INTERFERENCE ANALYSIS.=
OPMS64      NT OF SOFTWARE   CHARACTERISTICS =MEASUREME
LEHCC63               THE    CHECKING       OF COMPUTER LOGIC BY SIMULATION ON A COMPUTER.=
KLCL65      LAW FOR A WIDE   CLASS          OF QUEUEING DISCIPLINES.=A CONSERVATION
SCHWW68      DIGITAL         COMMUNICATION  SYSTEMS.=EXTERNAL STATISTICS IN COMPUTER SIMULATION OF
KLCN64                       COMMUNICATION  NETS.=
ENSA68      LLOCATING IN A   COMMUNICATION  ENVIRONMENT.=SCHEDULING AND A
SCHAB67     N EXPERIMENTAL   COMPARISON     OF TIME-SHARING AND BATCH PROCESSING.=A
SHNR68        A REVIEW AND   COMPARISON     OF CERTAIN METHODS OF COMPUTER PERFORMANCE EVALUATION.=
PALC68                  A    COMPARISON     BETWEEN SIMULA AND FORTRAN.=
TEICS66      TECHNIQUE AND   COMPARISON     OF LANGUAGES.=COMPUTER SIMULATION - DISCUSSION OF
DOWNC       ETHODOLOGY FOR   COMPARISON     OF GENERALIZED DATA MANAGEMENT SYSTEMS: - PARAMETRIC EVALUATIONS OF GENERALIZE
GOSSC62       STANDARDIZED   COMPARISONS    OF COMPUTER PERFORMANCE .=
GREUC65            ON-LINE   COMPUTATION    AND SIMULATION OPS-3.=
DESHC64       A MULTIUSER    COMPUTATION    FACILITY FOR EDUCATION AND RESEARCH.=
WYNP67      IME              COMPUTATIONAL  SYSTEM.=MANAGEMENT OF PERIODIC OPERATIONS IN A REAL-T
RUCI63       ASSIGNMENT OF   COMPUTATIONAL  TASKS IN A VARIABLE STRUCTURE COMPUTER.=AUTOMATIC
ESMNC67          MODELS OF   COMPUTATIONAL  SYSTEMS - CYCLIC TO CYCLIC GRAPH TRANSFORMATIONS.=
MARIE67     S ON MODELS OF   COMPUTATIONS   AND SYSTEMS.=EXPERIMENT
REIPC67     L FOR PARALLEL   COMPUTATIONS   =A STUDY OF A MODE
MARSS66      SEQUENCING OF   COMPUTATIONS   ON PARALLEL PROCESSOR SYSTEMS.=THE AUTOMATIC ASSIGNMENT AND
ESTAA63      ASSIGNMENT OF   COMPUTATIONS   IN A VARIABLE STRUCTURE COMPUTER SYSTEM.=AUTOMATIC
ESMMS67     RAPH MODELS OF   COMPUTATIONS   =MODELS OF COMPUTATIONS AND SYSTEMS - EVALUATION OF VERTEX PROBABILITIES IN G
ESMMS67          MODELS OF   COMPUTATIONS   AND SYSTEMS - EVALUATION OF VERTEX PROBABILITIES IN GRAPH MODELS OF COMPUTATIO
DESPS66     ULTIPROGRAMMED   COMPUTATIONS   =PROGRAMMING SEMANTICS FOR M
HICCI66                      COMPUTER-ASSISTED INSTRUCTION - A SURVEY OF THE LITERATURE.=
CHUCS63     NALYSIS OF THE   CONCEPT        OF SIMULATION.=AN A
KLCL65                  A    CONSERVATION   LAW FOR A WIDE CLASS OF QUEUEING DISCIPLINES.=
SHEMM67     E MATHEMATICAL   CONSIDERATIONS OF TIME-SHARING SCHEDULING ALGORITHMS.=SOM
FUEC68                       CONSIDERATIONS IN THE DESIGN OF A MULTIPLE COMPUTER SYSTEM WITH EXTENDED CORE STORAGE.=
BRYJ067     000 HOURS AT A   CONSOLE        - A STATISTICAL SUMMARY.=JOSS: 20
DEGSM68     ICAL MODEL FOR   CONSOLE        BEHAVIOR IN MULTIUSER COMPUTERS.=A STATIST
SYNU66      ON PROGRAM FOR   CONTINUOUS     SYSTEM MODELING.=DSL/90 - A DIGITAL SIMULATI
BRECS67               TWO    CONTINUOUS     SYSTEM MODELING PROGRAMS.=
SMJM67       SPACE AND THE   CONTROL        OF MULTIPROGRAMMING.=MARKOV DECISIONS IN PARTITIONED STATE
LIVGA66     SCHEDULING AND   CONTROL        OF COMPUTER RESOURCES.=A GENERAL APPROACH TO TIME-SHARING - ALGORITHMS FOR
LEECP68     MPUTER PROCESS   CONTROL        - MODELING AND OPTIMIZATION.=CO
HENEC63        EVALUATING    CONTROL        COMPUTERS.=
GUMA67      TH ASSOCIATIVE   CONTROL        =A MULTIPROCESSOR WI
SATC66             TRAFFIC   CONTROL        IN A MULTIPLEXED COMPUTER SYSTEM.=
KEHC68       HIERARCHICAL    CONTROL        PROGRAMS FOR SYSTEMS EVALUATION.=
STES68      LUATION ON THE   CONTROL        DATA 6600.=SYSTEM EVA
SHATC65     A TECHNIQUE TO   CONTROL        WAITING TIME IN A QUEUE.=A TECH
TRDS67      ION OF GENERAL   CONTROL        SYSTEMS.=SIMULAT
GOEP66      ESCRIPTION AND   CONTROL        IN PROGRAMS FOR MULTI- AND UNI-PROCESSOR COMPUTERS.=EXPLICIT PARALLEL PROCESSI
PIPU68      M BEHAVIOR AND   CONTROL        IN VIRTUAL STORAGE COMPUTER SYSTEMS.=PROGRA
FIFOC65        THE OPTIMAL   CONTROL        OF QUEUES WITH APPLICATION TO COMPUTER SYSTEMS.=
```

A00S65	AL POLICIES IN	CONTROL	SYSTEMS.=ON OPTIMAL AND SUBOPTIM
COHUP68	DEFINITION AND	CONTROL	SYSTEM.=A PARALLEL PROCESS
COHAS	IMULATION OF A	CONVENTIONAL	EQUIPMENT SYSTEM ON A COMPUTER.=S
HUMLC67	LARGE	CORE	STORAGE UTILIZATION IN THEORY AND IN PRACTICE.=
LAUBC67	BULK	CORE	IN A 360/67 TIME-SHARING SYSTEM.=
FUEC68	WITH EXTENDED	CORE	STORAGE.=CONSIDERATIONS IN THE DESIGN OF A MULTIPLE COMPUTER SYSTEM
FIKST68	LARGE CAPACITY	CORE	STORAGE AND TSS/360.=STEPS TOWARDS TO A GENERAL-PURPOSE TIME-SHARING SYSTEM US
WALTC67	THROUGHPUT AND	COST	EFFECTIVENESS OF MONOPROGRAMMED, MULTIPROGRAMMED AND MULTIPROCESSING DIGITAL C
PRAC68	APPLICATION OF	COST-EFFECTIVENESS	ANALYSIS TO EDP SYSTEM SELECTION.=
JOSCV64		COST-VALUE	TECHNIQUE FOR EVALUATION OF COMPUTER SYSTEM PROPOSALS.=
SMDC62	A DIRECTLY	COUPLED	MULTIPROCESSING SYSTEM.=
STIC69	SOME	CRITERIA	FOR TIME-SHARING SYSTEM PERFORMANCE.=
WOLST65	CE PROGRAM FOR	CTSS	=A SUBROUTINE TRA
WHIS64	STATISTICS FOR	CTSS	=STATIS
SCHES67	MULATION OF	CTSS	=ANALYSIS OF TIME-SHARED COMPUTER SYSTEMS - SI
SACT65		CTSS	TECHNICAL NOTES.=
KOEC058		CYCLIC	QUEUES.=
ESMMC67	MS - CYCLIC TO	CYCLIC	GRAPH TRANSFORMATIONS.=MODELS OF COMPUTATIONAL SYSTE
ESMMC67	ONAL SYSTEMS -	CYCLIC	TO CYCLIC GRAPH TRANSFORMATIONS.=MODELS OF COMPUTATI
SMJM67	MARKOV	DECISIONS	IN PARTITIONED STATE SPACE AND THE CONTROL OF MULTIPROGRAMMING.=
COHUP68	RALLEL PROCESS	DEFINITION	AND CONTROL SYSTEM.=A PA
SMJS67	NDER A PAGE ON	DEMAND	STRATEGY.=MULTIPROGRAMMING U
RANDP68		DEMAND	PAGING IN PERSPECTIVE.=
GOEP66	LEL PROCESSING	DESCRIPTION	AND CONTROL IN PROGRAMS FOR MULTI- AND UNI-PROCESSOR COMPUTERS.=EXPLICIT PARAL
DISL64	A	DESCRIPTION	OF THE SIMSCRIPT LANGUAGE.=
HUTSS65	MPUTER SYSTEMS	DESIGN	AND ANALYSIS THROUGH SIMULATION.=CO
MERSD68	SIMULATION	DESIGN	OF A MULTIPROCESSING SYSTEM.=
WILMA67	THE	DESIGN	OF MULTIPLE-ACCESS COMPUTER SYSTEMS (PT-1).=
RAMA66	ANALYTIC	DESIGN	OF A DYNAMIC LOOKAHEAD AND PROGRAM SEGMENT - SYSTEM FOR MULTIPROGRAMMED COMPUT
WILMD68	THE	DESIGN	OF MULTIPLE-ACCESS COMPUTER SYSTEMS (PT-2) =
SETS66	CESSING SYSTEM	DESIGN	PART-IV - THE ROLE OF DIGITAL SIMULATION.=ON TELEPRO
FUEC68	RATIONS IN THE	DESIGN	OF A MULTIPLE COMPUTER SYSTEM WITH EXTENDED CORE STORAGE.=CONSIDE
DESSD65	GMENTATION AND	DESIGN	OF MULTIPROGRAMMED COMPUTER SYSTEMS.=SE
GLDS67		DESIGN	THRU SIMULATION OF A MULTIPLE ACCESS INFORMATION SYSTEM.=
DOBMM65	MEMORY SYSTEM	DESIGNED	FOR THE MULTIPROGRAM - MULTIPROCESSOR USER.=A MASS
COFAN68	ING ALGORITHMS	DESIGNED	FOR LIMITED SWAPPING.=ANALYSIS OF TWO TIME-SHAR
WYSR67	ETWEEN FAILURE	DETECTION	PROBABILITY AND COMPUTER SYSTEM RELIABILITY.=SOME RELATIONSHIPS B
ROSID65		DETERMINING	A COMPUTING CENTER ENVIRONMENT.=
CAMMA68	DURING SYSTEM	DEVELOPMENT	=MEASUREMENT AND ANALYSIS OF LARGE OPERATING SYSTEMS
SCHUH67	RE MEASUREMENT	DEVICE	FOR IBM SYSTEM/360 TIME-SHARING EVALUATION.=HARDWA
MENCS65	ENTRAL STORAGE	DEVICE	SERVED BY MULTIPLE TERMINALS.=ON A PROBLEM CONCERNING A C
APPM65	AM MONITOR - A	DEVICE	FOR PROGRAM PERFORMANCE MEASUREMENT.=THE PROGR
MANDI67		DIANA	- A DIGITAL-ANALOG SIMULATION PROGRAM FOR THE IBM 1620-II COMPUTER.=
MANDI67	DIANA - A	DIGITAL-ANALOG	SIMULATION PROGRAM FOR THE IBM 1620-II COMPUTER.=
SMDC62	A	DIRECTLY	COUPLED MULTIPROCESSING SYSTEM.=
KLCL65	SS OF QUEUEING	DISCIPLINES	=A CONSERVATION LAW FOR A WIDE CLA
GAOP	PRIORITY TYPE	DISCIPLINES	IN QUEUEING.=ON
BURA67	A	DISTRIBUTED	PROCESSING SYSTEM FOR GENERAL PURPOSE COMPUTING.=
KLDA		DISTRIBUTION	OF ATTAINED SERVICE IN TIME-SHARED SYSTEMS.=
COFFN69	ANALYSIS OF A	DRUM	INPUT/OUTPUT QUEUE UNDER SCHEDULED OPERATION IN A PAGED COMPUTER SYSTEM.=
SYND66		DSL/90	- A DIGITAL SIMULATION PROGRAM FOR CONTINUOUS SYSTEM MODELING.=
RAMA66	IC DESIGN OF A	DYNAMIC	LOOKAHEAD AND PROGRAM SEGMENT - SYSTEM FOR MULTIPROGRAMMED COMPUTERS.=ANALYT
MCGEE65	ON	DYNAMIC	PROGRAM RELOCATION.=
RANDS68		DYNAMIC	STORAGE ALLOCATION SYSTEMS.=
ONTS	NG SYSTEM WITH	DYNAMIC	ADDRESS RELOCATION HARDWARE.=EXPERIENCE USING A TIME-SHARED MULTIPROGRAMMI
FRIUB68	THE	DYNAMIC	BEHAVIOR OF PROGRAMS.=
FINDP66		DYNAMIC	PROGRAM BEHAVIOR UNDER PAGING.=

```
AMSE66      THE EFFECTS OF      DYNAMIC       STORAGE ALLOCATION HARDWARE AND SCHEDULING ALGORITHMS ON TIME-SHARING SYSTEMS.
SOES66                          ECONOMIES     OF SCALE AND IBM SYSTEM/360.=
KIEQ65                ON THE    ECONOMY       OF SCALE OF DATA PROCESSING SYSTEMS.=
PRAC68      SS ANALYSIS TO      EDP           SYSTEM SELECTION.=APPLICATION OF COST-EFFECTIVENE
DESMC64     N FACILITY FOR      EDUCATION     AND RESEARCH.=A MULTIUSER COMPUTATIO
WALTC67     GHPUT AND COST      EFFECTIVENESS OF MONOPROGRAMMED, MULTIPROGRAMMED AND MULTIPROCESSING DIGITAL COMPUTERS.=THE
WHIR64           RELATIVE       EFFECTS       OF CENTRAL PROCESSOR AND INPUT-OUTPUT SPEEDS UPON THROUGHPUT ON THE LARGE COMP
DEGES67                         EFFECTS       OF SCHEDULING ON FILE MEMORY OPERATIONS.=
AMSE66      ULATION OF THE      EFFECTS       OF DYNAMIC STORAGE ALLOCATION HARDWARE AND SCHEDULING ALGORITHMS ON TIME-SHARI
AMEC65                          EFFECTS       OF CERTAIN PARAMETERS ON TIME-SHARING SYSTEMS.=
FREER68                         EFFICIENCY    VS. RESPONSIVENESS IN A MULTIPLE-SERVICES COMPUTER FACILITY.=
COFVS67                AN       EMPIRICAL     STUDY OF THE BEHAVIOR OF PROGRAMS IN A PAGING ENVIRONMENT.=
SMES63      ION IN SYSTEMS      ENGINEERING   =SIMULAT
MCKEL68     ULTIPROGRAMMED      ENVIRONMENT   =THE ORGANIZATION OF MATRICES AND MATRIX OPERATIONS IN A PAGED M
REHSS68     A TIME-SHARING      ENVIRONMENT   =A SIMULATION STUDY OF RESOURCE MANAGEMENT IN
ROSID65     MPUTING CENTER      ENVIRONMENT   =DETERMINING A CO
WAWFA67     MPUTING CENTER      ENVIRONMENT   =FURTHER ANALYSIS OF A CO
COFVS67     MS IN A PAGING      ENVIRONMENT   =AN EMPIRICAL STUDY OF THE BEHAVIOR OF PROGRA
BRPB68      OR IN A PAGING      ENVIRONMENT   =PROGRAM BEHAVI
ENSA68       COMMUNICATION      ENVIRONMENT   =SCHEDULING AND ALLOCATING IN A
ARPA66      ARING               ENVIRONMENT   =PROGRAM AND ADDRESSING STRUCTURE IN A TIME-SH
COHAS       A CONVENTIONAL      EQUIPMENT     SYSTEM ON A COMPUTER.=SIMULATION OF
HERUC64      A COMPUTER TO      EVALUATE      COMPUTERS.=THE USE OF
HENEC63                         EVALUATING    CONTROL COMPUTERS.=
STAB64           METHODS OF     EVALUATING    COMPUTER SYSTEMS PERFORMANCE.=
HUEEC67                         EVALUATING    COMPUTER SYSTEMS THROUGH SIMULATION.=
HACE                 COMPUTER   EVALUATION    =
KEHC68      MS FOR SYSTEMS      EVALUATION    =HIERARCHICAL CONTROL PROGRA
SCHUH67     O TIME-SHARING      EVALUATION    =HARDWARE MEASUREMENT DEVICE FOR IBM SYSTEM/36
JOSCV64      TECHNIQUE FOR      EVALUATION    OF COMPUTER SYSTEM PROPOSALS.=COST-VALUE
SMMR68         PERFORMANCE     EVALUATION    =A REVIEW AND COMPARISON OF CERTAIN METHODS OF COMPUTER
STES66               SYSTEM     EVALUATION    ON THE CONTROL DATA 6600.=
TORT67      A STANDARDIZED      EVALUATION    =REAL-TIME PROCESSING POWER:
SHEDE67                         EVALUATION    OF REDUNDANCY IN A PARALLEL ALGORITHM.=
DOPTP62     BLEMS USED FOR      EVALUATION    OF COMPUTERS.=TEST PRO
ARCA66      IS AND THRUPUT      EVALUATION    =COMPUTER ANALYS
ESMMS67      AND SYSTEMS -      EVALUATION    OF VERTEX PROBABILITIES IN GRAPH MODELS OF COMPUTATIONS.=MODELS OF COMPUTATION
ANPE67         PERFORMANCE     EVALUATION    OF COMPUTING SYSTEMS WITH MEMORY HIERARCHIES.=
BISM68      IMULATION, AND      EVALUATION    =SYSTEMS: MODEL BUILDING, S
CALSP67     EM PERFORMANCE      EVALUATION     SURVEY AND APPRAISAL.=SYST
JOSAB65      COMPUTER           EVALUATIONS   =APPLICATION BENCHMARKS: THE KEY TO MEANINGFUL
DOWMC       : - PARAMETRIC      EVALUATIONS   OF GENERALIZED SYSTEMS - PEGS.=A METHODOLOGY FOR COMPARISON OF GENERALIZED DAT
KNEC68                          EVOLVING      COMPUTER PERFORMANCE 1963 - 1967.=
FOLMM67      THE U-OF-MICH      EXECUTIVE     SYSTEM.=A MARKOVIAN MODEL OF
OLEX66                          EXEC-III      =
HEGP65           GPSS-3 AN      EXPANDED      GENERAL PURPOSE SIMULATOR.=
ONTS                            EXPERIENCE    USING A TIME-SHARED MULTIPROGRAMMING SYSTEM WITH DYNAMIC ADDRESS RELOCATION HA
WITMP68          M65MP - AN     EXPERIMENT    IN OS/360 MULTIPROGRAMMING.=
GOEP66                          EXPLICIT      PARALLEL PROCESSING DESCRIPTION AND CONTROL IN PROGRAMS FOR MULTI- AND UNI-PRO
KRTS66       SERVICE TIMES      EXPONENTIAL   =TIME-SHARED COMPUTER OPERATIONS WITH BOTH INTERARRIVAL TIMES AND
FUEC68      ER SYSTEM WITH      EXTENDED      CORE STORAGE.=CONSIDERATIONS IN THE DESIGN OF A MULTIPLE COMPUT
SCHAW68                         EXTREMAL      STATISTICS IN COMPUTER SIMULATION OF DIGITAL COMMUNICATION SYSTEMS.=
SCHRQ67     EUE M/G/1 WITH      FEEDBACK      TO LOWER PRIORITY QUEUES.=THE QU
CHEBI68       TIME-VARYING      FEEDBACK      SYSTEMS.=BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF LINEAR
COFKQ68                         FEEDBACK      QUEUEING MODELS FOR TIME-SHARED SYSTEMS.=
DEGES67      SCHEDULING ON      FILE          MEMORY OPERATIONS.=EFFECTS OF
PALC68      EEN SIMULA AND      FORTRAN       =A COMPARISON BETW
```

```
BELTS68                    FUNDAMENTALS    OF TIME-SHARING COMPUTERS.=
STAA68        STATISTICS   GATHERING       AND SIMULATION FOR THE APOLLO REAL-TIME OPERATING SYSTEM.=
WOOGS67             A      GENERALIZED     SUPERVISOR FOR A TIME-SHARED OPERATING SYSTEM =
DOWMC      COMPARISON OF   GENERALIZED     DATA MANAGEMENT SYSTEMS: - PARAMETRIC EVALUATIONS OF GENERALIZED SYSTEMS - PEG
DOWMC     EVALUATIONS OF   GENERALIZED     SYSTEMS - PEGS.=A METHODOLOGY FOR COMPARISON OF GENERALIZED DATA MANAGEMENT SY
CRIGM63                    GENERALIZED     MULTIPROCESSING AND MULTIPROGRAMMING SYSTEMS.=
FIKST68   S TOWARDS TO A   GENERAL-PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360.=STEP
HOLAS68   G SYSTEM USING   GPSS           =SIMULATION OF A MULTIPROCESSIN
HEGP65                     GPSS-3          AN EXPANDED GENERAL PURPOSE SIMULATOR.=
ESMMC67   CLIC TO CYCLIC   GRAPH           TRANSFORMATIONS.=MODELS OF COMPUTATIONAL SYSTEMS - CY
ESMMS67   OBABILITIES IN   GRAPH           MODELS OF COMPUTATIONS.=MODELS OF COMPUTATIONS AND SYSTEMS - EVALUATION OF VER
GURSR68   OR INFORMATION   HANDLING        CENTERS.=STORAGE REQUIREMENTS F
ONTS      E S RELOCATION   HARDWARE        =EXPERIENCE USING A TIME-SHARED MULTIPROGRAMMING SYSTEM WITH DYNAMIC ADDR
SCHUH67                    HARDWARE        MEASUREMENT DEVICE FOR IBM SYSTEM/360 TIME-SHARING EVALUATION.=
AMSE66    E LLOCATION      HARDWARE        AND SCHEDULING ALGORITHMS ON TIME-SHARING SYSTEMS.=A SIMULATION OF THE EFFECTS
KEHC68                     HIERARCHICAL    CONTROL PROGRAMS FOR SYSTEMS EVALUATION.=
ANPE67    ITH MEMORY       HIERARCHIES     =PERFORMANCE EVALUATION OF COMPUTING SYSTEMS W
MURTP                      HIGHLY          PARALLEL INFORMATION PROCESSING SYSTEMS.=
STE068     ON OVERCOMING   HIGH-PRIORITY   PARALYSIS IN MULTIPROGRAMMING SYSTEMS - A CASE HISTORY.=
STE068    STEMS - A CASE   HISTORY         =ON OVERCOMING HIGH-PRIORITY PARALYSIS IN MULTIPROGRAMMING SY
BRYJ067      JOSS: 20000   HOURS           AT A CONSOLE - A STATISTICAL SUMMARY.=
MANDI67   ROGRAM FOR THE   IBM             1620-II COMPUTER.=DIANA - A DIGITAL-ANALOG SIMULATION P
SCHUH67   ENT DEVICE FOR   IBM             SYSTEM/360 TIME-SHARING EVALUATION.=HARDWARE MEASUREM
SOES66    S OF SCALE AND   IBM             SYSTEM/360.=ECONOMIE
GIBTS66   ARING WITH THE   IBM             SYSTEM/360 : MODEL 67.=TIME-SH
WEIDP66             THE    IMPACT          OF TIME-SHARING ON DATA PROCESSING MANAGEMENT.=
DAVST65   OUT THE SOCIAL   IMPLICATIONS     OF ACCESSIBLE COMPUTING.=SOME THOUGHTS AB
JOIS67                     INCREMENTAL     SIMULATION ON A TIME-SHARED COMPUTER.=
GREOL68        ON-LINE.    INCREMENTAL     SIMULATION.=
MURTP     IGHLY PARALLEL   INFORMATION     PROCESSING SYSTEMS.=H
SHEMA63     TIME-SHARING   INFORMATION     PROCESSING SYSTEM.=A MATHEMATICAL ANALYSIS OF INPUT/OUTPUT INTERFERENCE IN A
GURSR68   QUIREMENTS FOR   INFORMATION     HANDLING CENTERS.=STORAGE RE
HILRT66        REAL-TIME   INFORMATION     SYSTEMS - AN ANNOTATED BIBLIOGRAPHY (1961-1966).=
GLDS67    ULTIPLE ACCESS   INFORMATION      SYSTEM.=DESIGN THRU SIMULATION OF A M
GRAPI68   OTECTION IN AN   INFORMATION     PROCESSING UTILITY.=PR
DESS064   URE OF ON-LINE   INFORMATION     PROCESSING SYSTEMS.=THE STRUCT
WHIR64     PROCESSOR AND   INPUT-OUTPUT     SPEEDS UPON THROUGHPUT ON THE LARGE COMPUTER.=RELATIVE EFFECTS OF CENTRAL
SHEMA63   AL ANALYSIS OF   INPUT/OUTPUT     INTERFERENCE IN A TIME-SHARING INFORMATION PROCESSING SYSTEM.=A MATHEMATIC
COFFN69   YSIS OF A DRUM   INPUT/OUTPUT     QUEUE UNDER SCHEDULED OPERATION IN A PAGED COMPUTER SYSTEM.=ANAL
HICC166   PUTER-ASSISTED   INSTRUCTION      - A SURVEY OF THE LITERATURE.=COM
ESHSC67    A COMPUTER IN   INSTRUMENTATION  AUTOMATON.=SNUPER COMPUTER -
BEMST68         SOFTWARE   INSTRUMENTATION  SYSTEMS FOR OPTIMUM PERFORMANCE.=
KRTS66    IONS WITH BOTH   INTERARRIVAL     TIMES AND SERVICE TIMES EXPONENTIAL.=TIME-SHARED COMPUTER OPERAT
COFW166                    INTERARRIVAL    STATISTICS FOR TIME-SHARING SYSTEMS.=
STAC67    TER PERIPHERAL   INTERFERENCE    =ANALYSIS OF COMPU
SHEMA63   F INPUT/OUTPUT   INTERFERENCE    IN A TIME-SHARING INFORMATION PROCESSING SYSTEM.=A MATHEMATICAL ANALYSIS O
CHACC65   MPUTER CHANNEL   INTERFERENCE    ANALYSIS.=CO
MURPR68   LLOCATION WITH   INTERLOCK        PROTECTION IN A MULTI-TASK SYSTEM.=RESOURCE A
RAIMC64    MEASURING THE   INTERNAL        OPERATING SPEEDS OF COMPUTERS.=A METHOD FOR
ASIM67                     INTRINSIC       MULTIPROCESSING.=
KOPJA68                    JANUS           - A FLEXIBLE APPROACH TO REAL-TIME TIME-SHARING.=
BRYJ067                    JOSS             20000 HOURS AT A CONSOLE - A STATISTICAL SUMMARY.=
JOSAB65   ENCHMARKS: THE   KEY             TO MEANINGFUL COMPUTER EVALUATIONS.=APPLICATION B
KNSL64    L - A SYMBOLIC   LANGUAGE        FOR GENERAL PURPOSE SYSTEMS SIMULATION.=SO
MARSP63   ON PROGRAMMING   LANGUAGE        =SIMSCRIPT - A SIMULATI
DISL64     THE SIMSCRIPT   LANGUAGE        =A DESCRIPTION OF
DASA66    SED SIMULATION   LANGUAGE        =SIMULA - AN ALGOL BA
```

TEICS66	COMPARISON OF	LANGUAGES	=COMPUTER SIMULATION - DISCUSSION OF TECHNIQUE AND
TOCRS65	OF SIMULATION	LANGUAGES	=REVIEW
COHJM67	IST PROCESSING	LANGUAGES	=A USE OF FAST AND SLOW MEMORIES IN L
BUSP67	ON PROGRAMMING	LANGUAGES	=SIMULATI
WHIR64	OUGHPUT ON THE	LARGE	COMPUTER.=RELATIVE EFFECTS OF CENTRAL PROCESSOR AND INPUT-OUTPUT SPEEDS UPON T
CAMMA68	ND ANALYSIS OF	LARGE	OPERATING SYSTEMS DURING SYSTEM DEVELOPMENT.=MEASUREMENT A
BALMA62	APPROACH TO A	LARGE	COMPUTER SYSTEM.=A MULTIPROCESSING
HUMLC67		LARGE	CORE STORAGE UTILIZATION IN THEORY AND IN PRACTICE.=
FIKST68	G SYSTEM USING	LARGE	CAPACITY CORE STORAGE AND TSS/360.=STEPS TOWARDS TO A GENERAL-PURPOSE TIME-SHA
JACUS	SIMULATION OF	LARGE-SCALE	SYSTEMS.=DIGITAL
COFUN	OTENTIALS OF A	LARGE-SCALE	TIME-SHARING SYSTEM.=P
KLCL65	A CONSERVATION	LAW	FOR A WIDE CLASS OF QUEUEING DISCIPLINES.=A CONS
EDOL62	ONE	LEVEL	STORAGE SYSTEM.=
NELP65	ON THE	LIMITATION	OF PROCESSOR-MEMORY RECYCLE RATE IN A MULTIPROCESSING SYSTEM.=
COFAN68	S DESIGNED FOR	LIMITED	SWAPPING.=ANALYSIS OF TWO TIME-SHARING ALGORITHM
CHEBI68	T STABILITY OF	LINEAR	TIME-VARYING FEEDBACK SYSTEMS.=BOUNDED-INPUT BOUNDED-OUTPU
COHJM67	OW MEMORIES IN	LIST	PROCESSING LANGUAGES.=A USE OF FAST AND SL
HICCI66	SURVEY OF THE	LITERATURE	=COMPUTER-ASSISTED INSTRUCTION - A
AOPA63	S OF COMPUTING	LOAD	ASSIGNMENT IN A MULTIPROCESSOR COMPUTER SYSTEM.=A PROBABILISTIC ANALYST
MADMP68	ESSOR SOFTWARE	LOCKOUT	=MULTIPROC
LEHCC63	NG OF COMPUTER	LOGIC	BY SIMULATION ON A COMPUTER.=THE CHECKI
RAMA66	N OF A DYNAMIC	LOOKAHEAD	AND PROGRAM SEGMENT - SYSTEM FOR MULTIPROGRAMMED COMPUTERS.=ANALYTIC DESIG
SCHR067	TH FEEDBACK TO	LOWER	PRIORITY QUEUES.=THE QUEUE M/G/1 WI
FAMS65	THE	MAC	SYSTEM - THE COMPUTER UTILITY APPROACH.=
WEGM067		MACHINE	ORGANIZATION FOR MULTIPROGRAMMING.=
BAIUM	NG THE GROWING	MACHINE	=THE USE OF MULTIPLE ASSOCIATIVE MEMORIES IN PROGRAMMI
KLSP66	IAL PROCESSING	MACHINES	(SPM) ANALYZED WITH A QUEUEING THEORY MODEL.=SEQUENT
HORAM67	ITOR FOR SMALL	MACHINES	=A MULTIPROGRAMMING MON
OPRM68	RESOURCE	MANAGEMENT	FOR A MEDIUM SCALE TIME-SHARING OPERATING SYSTEM.=
REHSS68	DY OF RESOURCE	MANAGEMENT	IN A TIME-SHARING ENVIRONMENT.=A SIMULATION STU
WEIDP66	ATA PROCESSING	MANAGEMENT	=THE IMPACT OF TIME-SHARING ON D
KRPV68	OCESS VIEW AND	MANAGEMENT	SYSTEMS.=THE PR
WYMP67		MANAGEMENT	OF PERIODIC OPERATIONS IN A REAL-TIME COMPUTATIONAL SYSTEM.=
VODM67	PROACH TO DATA	MANAGEMENT	=TDMS - A NEW AP
DOWMC	NERALIZED DATA	MANAGEMENT	SYSTEMS: - PARAMETRIC EVALUATIONS OF GENERALIZED SYSTEMS - PEGS.=A METHODOLOGY
SMJA66	SYSTEMS USING	MARKOV	MODELS.=AN ANALYSIS OF TIME-SHARING COMPUTER
SMJM67		MARKOV	DECISIONS IN PARTITIONED STATE SPACE AND THE CONTROL OF MULTIPROGRAMMING.=
WAMM66		MARKOVIAN	MODELS AND NUMERICAL ANALYSIS OF COMPUTER SYSTEM BEHAVIOR.=
FOLMM67	A	MARKOVIAN	MODEL OF THE U-OF-MICH EXECUTIVE SYSTEM.=
DOBMM65	A	MASS	MEMORY SYSTEM DESIGNED FOR THE MULTIPROGRAM - MULTIPROCESSOR USER.=
PAMA64		MATHEMATICAL	ANALYSIS OF COMPUTER TIME-SHARING SYSTEMS.=
SHEMM67	SOME	MATHEMATICAL	CONSIDERATIONS OF TIME-SHARING SCHEDULING ALGORITHMS.=
SHEMA63	A	MATHEMATICAL	ANALYSIS OF INPUT/OUTPUT INTERFERENCE IN A TIME-SHARING INFORMATION PROCESSING
MCKEL68	RGANIZATION OF	MATRICES	AND MATRIX OPERATIONS IN A PAGED MULTIPROGRAMMED ENVIRONMENT.=THE O
MCKEL68	F MATRICES AND	MATRIX	OPERATIONS IN A PAGED MULTIPROGRAMMED ENVIRONMENT.=THE ORGANIZATION O
JOSAB65	KS: THE KEY TO	MEANINGFUL	COMPUTER EVALUATIONS.=APPLICATION BENCHMAR
BAGTT60	ESTABLISHING A	MEASURE	OF CAPABILITY OF ADATA PROCESSING SYSTEM).=TWO THINK PIECES: (
SCHUH67	HARDWARE	MEASUREMENT	DEVICE FOR IBM SYSTEM/360 TIME-SHARING EVALUATION.=
SCHET66	TIME-SHARING	MEASUREMENT	=
OPMS64		MEASUREMENT	OF SOFTWARE CHARACTERISTICS.=
APPM65	RFORMANCE	MEASUREMENT	=THE PROGRAM MONITOR - A DEVICE FOR PROGRAM PE
CAMMA68		MEASUREMENT	AND ANALYSIS OF LARGE OPERATING SYSTEMS DURING SYSTEM DEVELOPMENT.=
CANMS68	EM PERFORMANCE	MEASUREMENT	AND ANALYSIS.=MULTIPROGRAMMING SYST
ESKMM67	ES. MODELS AND	MEASUREMENTS	FOR TIME-SHARED COMPUTER UTILITIES.=MEASUR
ESKMM67		MEASURES	MODELS AND MEASUREMENTS FOR TIME-SHARED COMPUTER UTILITIES.=
RAIMC64	A METHOD FOR	MEASURING	THE INTERNAL OPERATING SPEEDS OF COMPUTERS.=
PAINP64		MEASURING	PERFORMANCE.=

OPRM68	NAGEMENT FOR A	MEDIUM	SCALE TIME-SHARING OPERATING SYSTEM.=RESOURCE MA
BAIUM	LE ASSOCIATIVE	MEMORIES	IN PROGRAMMING THE GROWING MACHINE.=THE USE OF MULTIP
COHJM67	FAST AND SLOW	MEMORIES	IN LIST PROCESSING LANGUAGES.=A USE OF
RODMP67		MEMORY	PROTECTION IN MULTIPROCESSING SYSTEMS.=
MCKEE55	HE ASSOCIATIVE	MEMORY	STRUCTURE.=T
COFBN67	S FOR MODULAR	MEMORY	SYSTEMS.=A SIMPLE PROBABILITY MODEL YIELDING PERFORMANCE BOUND
DOBMM65	A MASS	MEMORY	SYSTEM DESIGNED FOR THE MULTIPROGRAM - MULTIPROCESSOR USER.=
DEGES67	DULING ON FILE	MEMORY	OPERATIONS.=EFFECTS OF SCHE
ANPE67	G SYSTEMS WITH	MEMORY	HIERARCHIES.=PERFORMANCE EVALUATION OF COMPUTIN
FIFR064	QUEUEING IN A	MEMORY-SHARED	COMPUTER.=
KOLSC67	TER ASPECTS OF	METEOROLOGY	=SOME COMPU
RAIMC64	A	METHOD	FOR MEASURING THE INTERNAL OPERATING SPEEDS OF COMPUTERS.=
STIM68	A	METHODOLOGY	FOR CALCULATING AND OPTIMIZING REAL-TIME SYSTEM PERFORMANCE.=
DOWMC	A	METHODOLOGY	FOR COMPARISON OF GENERALIZED DATA MANAGEMENT SYSTEMS: - PARAMETRIC EVALUATION
LEHSM65	SERIAL	MODE	OPERATION AND HIGH SPEED PARALLEL PROCESSING.=
WONSM61	A SEGMENTING	MODEL	FOR DIGITAL COMPUTER PROGRAMS.=
KLSP66	UEUEING THEORY	MODEL	=SEQUENTIAL PROCESSING MACHINES (SPM) ANALYZED WITH A Q
REIPC67	A STUDY OF A	MODEL	FOR PARALLEL COMPUTATIONS.=
DEGSM68	A STATISTICAL	MODEL	FOR CONSOLE BEHAVIOR IN MULTIUSER COMPUTERS.=
KASN67	N EXPERIMENTAL	MODEL	OF SYSTEM/360.=A
FOLMM67	A MARKOVIAN	MODEL	OF THE U-OF-MICH EXECUTIVE SYSTEM.=
DEGWS68	HE WORKING SET	MODEL	FOR PROGRAM BEHAVIOR.=T
COFBN67	LE PROBABILITY	MODEL	YIELDING PERFORMANCE BOUNDS FOR MODULAR MEMORY SYSTEMS.=A SIMP
CONSA64	CT: SYSTEM/360	MODEL	92.=SYSTEM ASPE
GIBTS66	M SYSTEM/360 :	MODEL	67.=TIME-SHARING WITH THE IB
FIFOM66	N OPTIMIZATION	MODEL	FOR TIME-SHARING.=A
CHAQM66	A QUEUEING	MODEL	FOR A SIMPLE CASE OF TIME-SHARING.=
BISM68	SYSTEMS:	MODEL	BUILDING, SIMULATION, AND EVALUATION.=
LEECP68	CESS CONTROL -	MODELING	AND OPTIMIZATION.=COMPUTER PRO
SYND66	TINUOUS SYSTEM	MODELING	=DSL/90 - A DIGITAL SIMULATION PROGRAM FOR CON
MARTS68	COMPUTER	MODELING	AND SIMULATION.=
BRECS67	TINUOUS SYSTEM	MODELING	PROGRAMS.=TWO CON
FOXES67	TS IN SOFTWARE	MODELING	=EXPERIMEN
NAYVC67	TER SIMULATION	MODELS	=VERIFICATION OF COMPU
SMJA66	USING MARKOV	MODELS	=AN ANALYSIS OF TIME-SHARING COMPUTER SYSTEMS
MARTE67	EXPERIMENTS ON	MODELS	OF COMPUTATIONS AND SYSTEMS.=EXPERI
WAMM66	MARKOVIAN	MODELS	AND NUMERICAL ANALYSIS OF COMPUTER SYSTEM BEHAVIOR.=
SCHRM66	SOME QUEUEING	MODELS	FOR A TIME-SHARED FACILITY.=
COFCN66	STOCHASTIC	MODELS	OF MULTIPLE AND TIME-SHARED COMPUTER OPERATIONS.=
COFKQ68	DBACK QUEUEING	MODELS	FOR TIME-SHARED SYSTEMS.=FEE
GAPM67	PROBABILITY	MODELS	FOR MULTIPROGRAMMING COMPUTER SYSTEMS.=
ESKMM67	MEASURES.	MODELS	AND MEASUREMENTS FOR TIME-SHARED COMPUTER UTILITIES.=
ESMMC67		MODELS	OF COMPUTATIONAL SYSTEMS - CYCLIC TO CYCLIC GRAPH TRANSFORMATIONS.=
ESMMS67	ITIES IN GRAPH	MODELS	C COMPUTATIONS.=MODELS OF COMPUTATIONS AND SYSTEMS - EVALUATION OF VERTEX PRO
ESMMS67		MODELS	OF COMPUTATIONS AND SYSTEMS - EVALUATION OF VERTEX PROBABILITIES IN GRAPH MODE
COFBN67	CE BOUNDS FOR	MODULAR	MEMORY SYSTEMS.=A SIMPLE PROBABILITY MODEL YIELDING PERFORMAN
HORAM67	LTIPROGRAMMING	MONITOR	FOR SMALL MACHINES.=A MU
APPM65	THE PROGRAM	MONITOR	- A DEVICE FOR PROGRAM PERFORMANCE MEASUREMENT.=
WALTC67	FECTIVENESS OF	MONOPROGRAMMED	MULTIPROGRAMMED AND MULTIPROCESSING DIGITAL COMPUTERS.=THE THROUGHPUT AND COS
VYSM65	RUCTURE OF THE	MULTICS	SUPERVISOR.=ST
MENCS65	ICE SERVED BY	MULTIPLE	TERMINALS.=ON A PROBLEM CONCERNING A CENTRAL STORAGE DEV
BAIUM	THE USE OF	MULTIPLE	ASSOCIATIVE MEMORIES IN PROGRAMMING THE GROWING MACHINE.=
COFCN66	STIC MODELS OF	MULTIPLE	AND TIME-SHARED COMPUTER OPERATIONS.=STOCHA
FUEC68	HE DESIGN OF A	MULTIPLE	COMPUTER SYSTEM WITH EXTENDED CORE STORAGE.=CONSIDERATIONS IN T
GLDS67	IMULATION OF A	MULTIPLE	ACCESS INFORMATION SYSTEM.=DESIGN THRU S
SATC66	C CONTROL IN A	MULTIPLEXED	COMPUTER SYSTEM.=TRAFFI
WILMD68	THE DESIGN OF	MULTIPLE-ACCESS	COMPUTER SYSTEMS (PT-2) =

WILMA67	THE DESIGN OF	MULTIPLE-ACCESS	COMPUTER SYSTEMS (PT-1).=
FREER68	NSIVENESS IN A	MULTIPLE-SERVICES	COMPUTER FACILITY.=EFFICIENCY VS. RESPO
DEGRA68	ALLOCATION IN	MULTIPROCESS	COMPUTER SYSTEMS. =RESOURCE
RODMP67	ROTECTION IN	MULTIPROCESSING	SYSTEMS.=MEMORY
MERSD68	ON DESIGN OF A	MULTIPROCESSING	SYSTEM.=SIMULATI
WALTC67	PROGRAMMED AND	MULTIPROCESSING	DIGITAL COMPUTERS.=THE THROUGHPUT AND COST EFFECTIVENESS OF MONOPROGRAMMED, MU
SMDC62	RECTLY COUPLED	MULTIPROCESSING	SYSTEM.=A DI
LAMSP68	PHILOSOPHY FOR	MULTIPROCESSING	SYSTEMS.=A SCHEDULING
NELP65	RATE IN A	MULTIPROCESSING	SYSTEM.=ON THE LIMITATION OF PROCESSOR-MEMORY RECYCLE
CRIGM63	GENERALIZED	MULTIPROCESSING	AND MULTIPROGRAMMING SYSTEMS.=
ASIM67	INTRINSIC	MULTIPROCESSING	=
HOLAS68	IMULATION OF A	MULTIPROCESSING	SYSTEM USING GPSS.=S
BALMA62	A	MULTIPROCESSING	APPROACH TO A LARGE COMPUTER SYSTEM.=
MADMP68		MULTIPROCESSOR	SOFTWARE LOCKOUT.=
GUMA67	A	MULTIPROCESSOR	WITH ASSOCIATIVE CONTROL.=
AOPA63	SIGNMENT IN A	MULTIPROCESSOR	COMPUTER SYSTEM.=A PROBABILISTIC ANALYSIS OF COMPUTING LOAD AS
HUTSP67	SIMULATION OF	MULTIPROCESSOR	COMPUTER SYSTEMS.=SOME PROBLEMS IN THE
KASM66	IMULATION OF A	MULTIPROCESSOR	COMPUTER SYSTEM.=S
DOBMM65	OGRAM -	MULTIPROCESSOR	USER.=A MASS MEMORY SYSTEM DESIGNED FOR THE MULTIPR
DOBMM65	SIGNED FOR THE	MULTIPROGRAM	- MULTIPROCESSOR USER.=A MASS MEMORY SYSTEM DE
CODMS60		MULTIPROGRAM	SCHEDULING.=
MCKEL68	IN A PAGED	MULTIPROGRAMMED	ENVIRONMENT.=THE ORGANIZATION OF MATRICES AND MATRIX OPERATIONS
WALTC67	ONOPROGRAMMED,	MULTIPROGRAMMED	AND MULTIPROCESSING DIGITAL COMPUTERS.=THE THROUGHPUT AND COST EFFECTIVENESS O
RAMA66	T - SYSTEM FOR	MULTIPROGRAMMED	COMPUTERS.=ANALYTIC DESIGN OF A DYNAMIC LOOKAHEAD AND PROGRAM SEGMEN
DESSD65	AND DESIGN OF	MULTIPROGRAMMED	COMPUTER SYSTEMS.=SEGMENTATION
DESPS66	SEMANTICS FOR	MULTIPROGRAMMED	COMPUTATIONS.=PROGRAMMING
SMJM67	THE CONTROL OF	MULTIPROGRAMMING	=MARKOV DECISIONS IN PARTITIONED STATE SPACE AND
WITMP68	MENT IN OS/360	MULTIPROGRAMMING	=M65MP - AN EXPERI
SMJS67		MULTIPROGRAMMING	UNDER A PAGE ON DEMAND STRATEGY.=
LEHSR68	OF A SIMULATED	MULTIPROGRAMMING	SYSTEM.=PERFORMANCE
STE068	Y PARALYSIS IN	MULTIPROGRAMMING	SYSTEMS - A CASE HISTORY.=ON OVERCOMING HIGH-PRIORIT
WEGM067	GANIZATION FOR	MULTIPROGRAMMING	=MACHINE OR
ONTS	A TIME-SHARED	MULTIPROGRAMMING	SYSTEM WITH DYNAMIC ADDRESS RELOCATION HARDWARE.=EXPERIENCE USING
CRIGM63	PROCESSING AND	MULTIPROGRAMMING	SYSTEMS.=GENERALIZED MULTI
HORAM67	A	MULTIPROGRAMMING	MONITOR FOR SMALL MACHINES.=
CANMS68		MULTIPROGRAMMING	SYSTEM PERFORMANCE MEASUREMENT AND ANALYSIS.=
GAPM67	ITY MODELS FOR	MULTIPROGRAMMING	COMPUTER SYSTEMS.=PROBABIL
DEGSM68	LE BEHAVIOR IN	MULTIUSER	COMPUTERS.=A STATISTICAL MODEL FOR CONSO
DESMC64	A	MULTIUSER	COMPUTATION FACILITY FOR EDUCATION AND RESEARCH.=
GUEP66	PROGRAMS FOR	MULTI-	AND UNI-PROCESSOR COMPUTERS.=EXPLICIT PARALLEL PROCESSING DESCRIPTION AND CONT
COHLJ66		MULTI-COMPUTER	SIMULATION STUDY.=
EIMQ68		MULTI-QUEUES	WITH CHANGEOVER TIMES.=
MURPR68	IN A	MULTI-TASK	SYSTEM.=RESOURCE ALLOCATION WITH INTERLOCK PROTECTION
WITMP68		M65MP	- AN EXPERIMENT IN OS/360 MULTIPROGRAMMING.=
SCHR067	THE QUEUE	M/G/1	WITH FEEDBACK TO LOWER PRIORITY QUEUES.=
KLCN64	COMMUNICATION	NETS	=
WAMM66	IAN MODELS AND	NUMERICAL	ANALYSIS OF COMPUTER SYSTEM BEHAVIOR.=MARKOV
LISC66	TITLE TO BE	OBTAINED	=
GREUL68		ON-LINE	INCREMENTAL SIMULATION.=
DESS064	E STRUCTURE OF	ON-LINE	INFORMATION PROCESSING SYSTEMS.=TH
JOOS67		ON-LINE	SIMULATION.=
GREOC65		ON-LINE	COMPUTATION AND SIMULATION OPS-3.=
OPRM68	HARING	OPERATING	SYSTEM.=RESOURCE MANAGEMENT FOR A MEDIUM SCALE TIME-S
RAIMC64	G THE INTERNAL	OPERATING	SPEEDS OF COMPUTERS.=A METHOD FOR MEASURIN
RAWP068	PTIMIZATION IN	OPERATING	SYSTEMS.=PERIPHERAL O
STAA68	OLLO REAL-TIME	OPERATING	SYSTEM.=STATISTICS GATHERING AND SIMULATION FOR THE AP
WOOS67	A TIME-SHARED	OPERATING	SYSTEM =A GENERALIZED SUPERVISOR FOR

```
CAMMA68      LYSIS OF LARGE     OPERATING      SYSTEMS DURING SYSTEM DEVELOPMENT.=MEASUREMENT AND ANA
LEHSM65         SERIAL MODE     OPERATION      AND HIGH SPEED PARALLEL PROCESSING.=
COFKR64     HARED COMPUTER      OPERATION      =PRELIMINARY ANALYSIS OF TIME-S
COFFN69     CHEDULED            OPERATION      IN A PAGED COMPUTER SYSTEM.=ANALYSIS OF A DRUM INPUT/OUTPUT QUEUE UNDER S
HOLDS67      SIMULATION IN      OPERATIONAL    RESEARCH.=DIGITAL
WYMP67      NT OF PERIODIC      OPERATIONS     IN A REAL-TIME COMPUTATIONAL SYSTEM.=MANAGEME
MCKEL68     CES AND MATRIX      OPERATIONS     IN A PAGED MULTIPROGRAMMED ENVIRONMENT.=THE ORGANIZATION OF MATRI
DEGES67     ON FILE MEMORY      OPERATIONS     =EFFECTS OF SCHEDULING
KRTS66      HARED COMPUTER      OPERATIONS     WITH BOTH INTERARRIVAL TIMES AND SERVICE TIMES EXPONENTIAL.=TIME-S
COFCN66      COMPUTER           OPERATIONS     =STOCHASTIC MODELS OF MULTIPLE AND TIME-SHARED
GREOC65     AND SIMULATION      OPS-3          =ON-LINE COMPUTATION
FIFOC65               THE       OPTIMAL        CONTROL OF QUEUES WITH APPLICATION TO COMPUTER SYSTEMS.=
AOOS65                ON        OPTIMAL        AND SUBOPTIMAL POLICIES IN CONTROL SYSTEMS.=
LEECP68     - MODELING AND      OPTIMIZATION   =COMPUTER PROCESS CONTROL
RAWP068        PERIPHERAL       OPTIMIZATION   IN OPERATING SYSTEMS.=
FIFOM66               AN        OPTIMIZATION   MODEL FOR TIME-SHARING.=
COMPS67     F USER PROGRAM      OPTIMIZATION   ON A PAGING SYSTEM.=A STUDY OF THE EFFECT O
STIM68      ALCULATING AND      OPTIMIZING     REAL-TIME SYSTEM PERFORMANCE.=A METHODOLOGY FOR C
KLAO                            OPTIMUM        BRIBING FOR QUEUE POSITION.=
BEMST68     ON SYSTEMS FOR      OPTIMUM        PERFORMANCE.=SOFTWARE INSTRUMENTAT
WEGM067           MACHINE       ORGANIZATION   FOR MULTIPROGRAMMING.=
MCKEL68               THE       ORGANIZATION   OF MATRICES AND MATRIX OPERATIONS IN A PAGED MULTIPROGRAMMED ENVIRONMENT.=
WITMP68      EXPERIMENT IN      OS/360         MULTIPROGRAMMING.=M65MP : AN
STE068                ON        OVERCOMING     HIGH-PRIORITY PARALYSIS IN MULTIPROGRAMMING SYSTEMS - A CASE HISTORY.=
SMJS67      AMMING UNDER A      PAGE           ON DEMAND STRATEGY.=MULTIPROGR
MCKEL68     TIONS IN A          PAGED          MULTIPROGRAMMED ENVIRONMENT.=THE ORGANIZATION OF MATRICES AND MATRIX OPERA
SHEMS66     AL ANALYSIS OF      PAGED          AND SEGMENTED COMPUTER SYSTEMS =STATISTIC
COFFN69     OPERATION IN A      PAGED          COMPUTER SYSTEM.=ANALYSIS OF A DRUM INPUT/OUTPUT QUEUE UNDER SCHEDULED
RANDP68           DEMAND        PAGING         IN PERSPECTIVE.=
COMPSC7     ATION ON A          PAGING         SYSTEM.=A STUDY OF THE EFFECT OF USER PROGRAM OPTIMI7
COFVS67      PROGRAMS IN A      PAGING         ENVIRONMENT.=AN EMPIRICAL STUDY OF THE BEHAVIOR OF
BRPD68       BEHAVIOR IN A      PAGING         ENVIRONMENT.=PROGRAM
FINDP66     BEHAVIOR UNDER      PAGING         =DYNAMIC PROGRAM
LEHSM65     AND HIGH SPEED      PARALLEL       PROCESSING.=SERIAL MODE OPERATION
REIPC67     OF A MODEL FOR      PARALLEL       COMPUTATIONS.=A STUDY
MURTP             HIGHLY        PARALLEL       INFORMATION PROCESSING SYSTEMS.=
MARSS66     MPUTATIONS ON       PARALLEL       PROCESSOR SYSTEMS.=THE AUTOMATIC ASSIGNMENT AND SEQUENCING OF CO
LEHSP66     CONCERNING          PARALLEL       PROCESSING AND PARALLEL PROCESSORS.=A SURVEY OF PROBLEMS AND PRELIMINARY RESUL
LEHSP66     PROCESSING AND      PARALLEL       PROCESSORS.=A SURVEY OF PROBLEMS AND PRELIMINARY RESULTS CONCERNING PARALLEL
SHEDE67     EDUNDANCY IN A      PARALLEL       ALGORITHM.=EVALUATION OF R
BERAP66     F PROGRAMS FOR      PARALLEL       PROCESSING.=ANALYSIS O
GOEP66            EXPLICIT      PARALLEL       PROCESSING DESCRIPTION AND CONTROL IN PROGRAMS FOR MULTI- AND UNI-PROCESSOR CO
COHDP68               A         PARALLEL       PROCESS DEFINITION AND CONTROL SYSTEM.=
STE068       HIGH-PRIORITY      PARALYSIS      IN MULTIPROGRAMMING SYSTEMS - A CASE HISTORY.=ON OVERCOMING
AMEC65      CTS OF CERTAIN      PARAMETERS     ON TIME-SHARING SYSTEMS.=EFFE
DOWMC       ENT SYSTEMS: -      PARAMETRIC     EVALUATIONS OF GENERALIZED SYSTEMS - PEGS.=A METHODOLOGY FOR COMPARISON OF GEN
SMJM67      V DECISIONS IN      PARTITIONED    STATE SPACE AND THE CONTROL OF MULTIPROGRAMMING.=MARKO
SETS66      SYSTEM DESIGN,      PART-IV        - THE ROLE OF DIGITAL SIMULATION.=ON TELEPROCESSING
DOWMC       ZED SYSTEMS -       PEGS           =A METHODOLOGY FOR COMPARISON OF GENERALIZED DATA MANAGEMENT SYSTEMS: A PARAME
PATMP64          MEASURING      PERFORMANCE    =
STIC69      SHARING SYSTEM      PERFORMANCE    =SOME CRITERIA FOR TIME-
NICS67      OMPUTER SYSTEM      PERFORMANCE    =COMPUTER SIMULATION OF C
SMMR68       COMPUTER           PERFORMANCE    EVALUATION.=A REVIEW AND COMPARISON OF CERTAIN METHODS OF
STAB64      MPUTER SYSTEMS      PERFORMANCE    =METHODS OF EVALUATING CO
STIM68      ME       SYSTEM     PERFORMANCE    =A METHODOLOGY FOR CALCULATING AND OPTIMIZING REAL-TI
IHCP67             COMPUTER     PERFORMANCE    PROJECTED THROUGH SIMULATION.=
KNCC66      ES IN COMPUTER      PERFORMANCE    =CHANG
```

KNEC68	LVING COMPUTER	PERFORMANCE	1963 - 1967.=EVO
COFBN67	MODEL YIELDING.	PERFORMANCE	BOUNDS FOR MODULAR MEMORY SYSTEMS.=A SIMPLE PROBABILITY
ANPE67		PERFORMANCE	EVALUATION OF COMPUTING SYSTEMS WITH MEMORY HIERARCHIES.=
APPM65	CE FOR PROGRAM	PERFORMANCE	MEASUREMENT.=THE PROGRAM MONITOR - A DEVI
CALSP67	SYSTEM	PERFORMANCE	EVALUATION: SURVEY AND APPRAISAL.=
GOSSC62	NS OF COMPUTER	PERFORMANCE	.=STANDARDIZED COMPARISO
CANMS68	RAMMING SYSTEM	PERFORMANCE	MEASUREMENT AND ANALYSIS.=MULTIPROG
BEMST68	MS FOR OPTIMUM	PERFORMANCE	=SOFTWARE INSTRUMENTATION SYSTE
LEHSR68		PERFORMANCE	OF A SIMULATED MULTIPROGRAMMING SYSTEM.=
WYMP67	MANAGEMENT OF	PERIODIC	OPERATIONS IN A REAL-TIME COMPUTATIONAL SYSTEM.=
STAC67	IS OF COMPUTER	PERIPHERAL	INTERFERENCE.=ANALYS
RAWP068		PERIPHERAL	OPTIMIZATION IN OPERATING SYSTEMS.=
RANDP68	MAND PAGING IN	PERSPECTIVE	=DE
LAMSP68	A SCHEDULING	PHILOSOPHY	FOR MULTIPROCESSING SYSTEMS.=
BAGT160	TWO THINK	PIECES	(ESTABLISHING A MEASURE OF CAPABILITY OF ADATA PROCESSING SYSTEM).=
AOOS65	AND SUBOPTIMAL	POLICIES	IN CONTROL SYSTEMS.=ON OPTIMAL
KLAO	BING FOR QUEUE	POSITION	=OPTIMUM BRI
COFDN		POTENTIALS	OF A LARGE-SCALE TIME-SHARING SYSTEM.=
TORT67	IME PROCESSING	POWER	A STANDARDIZED EVALUATION.=REAL-T
COFKR64		PRELIMINARY	ANALYSIS OF TIME-SHARED COMPUTER OPERATION.=
LEHSP66	F PROBLEMS AND	PRELIMINARY	RESULTS CONCERNING PARALLEL PROCESSORS.=A SURVEY O
DEGT168	CAUSES AND ITS	PREVENTION	=THRASHING: ITS
RAMR66	A REAL-TIME	PRIORITY	SCHEDULER.=
SCHR067	DBACK TO LOWER	PRIORITY	QUEUES.=THE QUEUE M/G/1 WITH FEE
GAOP	ON	PRIORITY	TYPE DISCIPLINES IN QUEUEING.=
GKEPP66	THE	PRIORITY	PROBLEM AND COMPUTER TIME-SHARING.=
AOPA63	A	PROBABILISTIC	ANALYSIS OF COMPUTING LOAD ASSIGNMENT IN A MULTIPROCESSOR COMPUTER SYSTEM.=
ESMMS67	ON OF VERTEX	PROBABILITIES	IN GRAPH MODELS OF COMPUTATIONS.=MODELS OF COMPUTATIONS AND SYSTEMS - EVALUATI
WYSR67	LURE DETECTION	PROBABILITY	AND COMPUTER SYSTEM RELIABILITY.=SOME RELATIONSHIPS BETWEEN FAI
GAPM67		PROBABILITY	MODELS FOR MULTIPROGRAMMING COMPUTER SYSTEMS.=
COFBN67	A SIMPLE	PROBABILITY	MODEL YIELDING PERFORMANCE BOUNDS FOR MODULAR MEMORY SYSTEMS.=
KELC68	UTER SELECTION	PROCEDURES	=COMP
COHDP68	A PARALLEL	PROCESS	DEFINITION AND CONTROL SYSTEM.=
LEECP68	COMPUTER	PROCESS	CONTROL - MODELING AND OPTIMIZATION.=
KRPV68	THE	PROCESS	VIEW AND MANAGEMENT SYSTEMS.=
WHIR64	CTS OF CENTRAL	PROCESSOR	AND INPUT-OUTPUT SPEEDS UPON THROUGHPUT ON THE LARGE COMPUTER.=RELATIVE EFFE
MARSS66	S ON PARALLEL	PROCESSOR	SYSTEMS.=THE AUTOMATIC ASSIGNMENT AND SEQUENCING OF COMPUTATION
JAUAP68	ED ASSOCIATIVE	PROCESSOR	TECHNIQUES - INTERIM REPORT. =STUDY OF ADVANC
KLAT64	A TIME-SHARED	PROCESSOR	=ANALYSIS OF
LEHSP66	G AND PARALLEL	PROCESSORS	=A SURVEY OF PROBLEMS AND PRELIMINARY RESULTS CONCERNING PARALLEL PROCESSIN
NELP65	LIMITATION OF	PROCESSOR-MEMORY	RECYCLE RATE IN A MULTIPROCESSING SYSTEM.=ON THE
CANFR67		PROGRESS	IN FAST RESPONSE SYSTEMS.=
HUTCC65	TER SIMULATION	PROJECT	=A COMPUTER CEN
IHCP67	ER PERFORMANCE	PROJECTED	THROUGH SIMULATION.=COMPUT
JOSCV64	ER SYSTEM	PROPOSALS	=COST-VALUE TECHNIQUE FOR EVALUATION OF COMPUT
RODMP67	MEMORY	PROTECTION	IN MULTIPROCESSING SYSTEMS.=
MURPR68	WITH INTERLOCK	PROTECTION	IN A MULTI-TASK SYSTEM.=RESOURCE ALLOCATION
GRAP168		PROTECTION	IN AN INFORMATION PROCESSING UTILITY.=
ROSRQ65	THE RECURSIVE	QUEUE	ANALYZER.=RQA-1,
SHAIC65	TING TIME IN A	QUEUE	=A TECHNIQUE TO CONTROL WAI
SCHRQ67	THE	QUEUE	M/G/1 WITH FEEDBACK TO LOWER PRIORITY QUEUES.=
KLAO	UM BRIBING FOR	QUEUE	POSITION.=OPTIM
COFFN69	M INPUT/OUTPUT	QUEUE	UNDER SCHEDULED OPERATION IN A PAGED COMPUTER SYSTEM.=ANALYSIS OF A PRO
SCHRM66	SOME	QUEUEING	MODELS FOR A TIME-SHARED FACILITY.=
LEAQ66	APPLIED	QUEUEING	THEORY.=
COFKQ68	FEEDBACK	QUEUEING	MODELS FOR TIME-SHARED SYSTEMS.=
FIFRQ64		QUEUEING	IN A MEMORY-SHARED COMPUTER.=

KLSP66 WITH A QUEUEING THEORY MODEL.=SEQUENTIAL PROCESSING MACHINES (SPM) ANALYZED
GAOP DISCIPLINES IN QUEUEING =ON PRIORITY TYPE
KLCL65 WIDE CLASS OF QUEUEING DISCIPLINES.=A CONSERVATION LAW FOR A
CHAQM66 A QUEUEING MODEL FOR A SIMPLE CASE OF TIME-SHARING.=
SCHR067 LOWER PRIORITY QUEUES =THE QUEUE M/G/1 WITH FEEDBACK TO
KLT066 THEORY OF QUEUES APPLIED TO TIME-SHARED COMPUTER SYSTEMS.=
FIFOC65 MAL CONTROL OF QUEUES WITH APPLICATION TO COMPUTER SYSTEMS.=THE OPTI
KOEC058 CYCLIC QUEUES =
NELP65 MEMORY RECYCLE RATE IN A MULTIPROCESSING SYSTEM.=ON THE LIMITATION OF PROCESSOR-
WYMP67 PERATIONS IN A REAL-TIME COMPUTATIONAL SYSTEM.=MANAGEMENT OF PERIODIC O
RAMR66 A REAL-TIME PRIORITY SCHEDULER.=
TORT67 REAL-TIME PROCESSING POWER: A STANDARDIZED EVALUATION.=
STIM68 AND OPTIMIZING REAL-TIME SYSTEM PERFORMANCE.=A METHODOLOGY FOR CALCULATING
STAA68 FOR THE APOLLO REAL-TIME OPERATING SYSTEM.=STATISTICS GATHERING AND SIMULATION
KOPJA68 LE APPROACH TO REAL-TIME TIME-SHARING.=JANUS - A FLEXIB
GINNT65 TES ON TESTING REAL-TIME SYSTEM PROGRAMS.=NO
HILR166 REAL-TIME INFORMATION SYSTEMS - AN ANNOTATED BIBLIOGRAPHY (1961-1966).=
ROSRQ65 RQA-1, THE RECURSIVE QUEUE ANALYZER.=
NELP65 OCESSOR-MEMORY RECYCLE RATE IN A MULTIPROCESSING SYSTEM.=ON THE LIMITATION OF PR
SHEDE67 EVALUATION OF REDUNDANCY IN A PARALLEL ALGORITHM.=
WYSR67 SOME RELATIONSHIPS BETWEEN FAILURE DETECTION PROBABILITY AND COMPUTER SYSTEM RELIABILITY.=
WHIR64 RELATIVE EFFECTS OF CENTRAL PROCESSOR AND INPUT-OUTPUT SPEEDS UPON THROUGHPUT OR THE LA
WYSR67 OMPUTER SYSTEM RELIABILITY =SOME RELATIONSHIPS BETWEEN FAILURE DETECTION PROBABILITY AND C
ONTS YNAMIC ADDRESS RELOCATION HARDWARE.=EXPERIENCE USING A TIME-SHARED MULTIPROGRAMMING SYSTEM WITH D
MCGEE65 YNAMIC PROGRAM RELOCATION =ON D
BELSR66 A STUDY OF REPLACEMENT ALGORITHMS FOR A VIRTUAL STORAGE COMPUTER.=
GROHS53 COMPUTER AS A RESEARCH TOOL.=HIGH SPEED ARITHMETIC: THE DIGITAL
DESMC64 EDUCATION AND RESEARCH =A MULTIUSER COMPUTATION FACILITY FOR
HOLDS67 IN OPERATIONAL RESEARCH =DIGITAL SIMULATION
REHSS68 ATION STUDY OF RESOURCE MANAGEMENT IN A TIME-SHARING ENVIRONMENT.=A SIMUL
OPRM68 RESOURCE MANAGEMENT FOR A MEDIUM SCALE TIME-SHARING OPERATING SYSTEM.=
MURPR68 RESOURCE ALLOCATION WITH INTERLOCK PROTECTION IN A MULTI-TASK SYSTEM.=
DEGRA68 RESOURCE ALLOCATION IN MULTIPROCESS COMPUTER SYSTEMS. =
LIVGA66 OL OF COMPUTER RESOURCES =A GENERAL APPROACH TO TIME-SHARING - ALGORITHMS FOR SCHEDULING AND CONTR
CANER67 OGRESS IN FAST RESPONSE SYSTEMS.=PR
FREER68 EFFICIENCY VS. RESPONSIVENESS IN A MULTIPLE-SERVICES COMPUTER FACILITY.=EFFICI
LEHSP66 ND PRELIMINARY RESULTS CONCERNING PARALLEL PROCESSING AND PARALLEL PROCESSORS.=A SURVEY OF PROBLEMS A
SCHWT67 SHARING SYSTEM REVISITED =THE SDC TIME-
SETS66 PART-IV - THE ROLE OF DIGITAL SIMULATION.=ON TELEPROCESSING SYSTEM DESIGN.
ROSRQ65 RQA-1 THE RECURSIVE QUEUE ANALYZER.=
OPRM68 T FOR A MEDIUM SCALE TIME-SHARING OPERATING SYSTEM.=RESOURCE MANAGEMEN
SOES66 ECONOMIES OF SCALE AND IBM SYSTEM/360.=
KIEG65 THE ECONOMY OF SCALE OF DATA PROCESSING SYSTEMS.=ON
COFFN69 UT QUEUE UNDER SCHEDULED OPERATION IN A PAGED COMPUTER SYSTEM.=ANALYSIS OF A DRUM INPUT/OUTP
RAMR66 -TIME PRIORITY SCHEDULER =A REAL
SHEMM67 F TIME-SHARING SCHEDULING ALGORITHMS.=SOME MATHEMATICAL CONSIDERATIONS O
LAMSP68 A SCHEDULING PHILOSOPHY FOR MULTIPROCESSING SYSTEMS.=
LIVGA66 MS FOR SCHEDULING AND CONTROL OF COMPUTER RESOURCES.=A GENERAL APPROACH TO TIME-SHARING - ALGORI
DEGES67 EFFECTS OF SCHEDULING ON FILE MEMORY OPERATIONS.=
ENSA68 SCHEDULING AND ALLOCATING IN A COMMUNICATION ENVIRONMENT.=
CODMS60 MULTIPROGRAM SCHEDULING =
AMSE66 HARDWARE AND SCHEDULING ALGORITHMS ON TIME-SHARING SYSTEMS.=A SIMULATION OF THE EFFECTS OF DYNAMIC STO
SCHWT67 THE SDC TIME-SHARING SYSTEM REVISITED.=
RAMA66 AD AND PROGRAM SEGMENT - SYSTEM FOR MULTIPROGRAMMED COMPUTERS.=ANALYTIC DESIGN OF A DYNAMIC LOOKAHE
DESSD65 SEGMENTATION AND DESIGN OF MULTIPROGRAMMED COMPUTER SYSTEMS.=
SHEMS66 S OF PAGED AND SEGMENTED COMPUTER SYSTEMS =STATISTICAL ANALYSI
WONSM61 A SEGMENTING MODEL FOR DIGITAL COMPUTER PROGRAMS.=

PRAC68	TO EDP SYSTEM	SELECTION	=APPLICATION OF COST-EFFECTIVENESS ANALYSIS
KELC68	COMPUTER	SELECTION	PROCEDURES.=
JOSC68	COMPUTER	SELECTION	=
DESPS66	PROGRAMMING	SEMANTICS	FOR MULTIPROGRAMMED COMPUTATIONS.=
MARS566	ASSIGNMENT AND	SEQUENCING	OF COMPUTATIONS ON PARALLEL PROCESSOR SYSTEMS.=THE AUTOMATIC
KLSP66		SEQUENTIAL	PROCESSING MACHINES (SPM) ANALYZED WITH A QUEUING THEORY MODEL.=
LEHSM65		SERIAL	MODE OPERATION AND HIGH SPEED PARALLEL PROCESSING.=
VENCS65	STORAGE DEVICE	SERVED	BY MULTIPLE TERMINALS.=ON A PROBLEM CONCERNING A CENTRAL
CHARM66	NG MODEL FOR A	SIMPLE	CASE OF TIME-SHARING.=A QUEUEI
COFBN67	A	SIMPLE	PROBABILITY MODEL YIELDING PERFORMANCE BOUNDS FOR VIRTUAL MEMORY SYSTEMS.=
WEISS66	7040	SIMSCRIPT	- A CASE STUDY.=
MARSP63		SIMSCRIPT	- A SIMULATION PROGRAMMING LANGUAGE.=
DISL64	RIPTION OF THE	SIMSCRIPT	LANGUAGE.=A DESC
PALC68	ARISON BETWEEN	SIMULA	AND FORTRAN.=A COMP
DAHA66		SIMULA	- AN ALGOL BASED SIMULATION LANGUAGE.=
LEHSR68	RFORMANCE OF A	SIMULATED	MULTIPROGRAMMING SYSTEM.=PE
UNTV68	LUE OF DIGITAL	SIMULATION	IN TACTICAL COMPUTING SYSTEMS.=THE VA
SCHES67	UTER SYSTEMS -	SIMULATION	OF CTSS.=ANALYSIS OF TIME-SHARED COMP
TUCK565	REVIEW OF	SIMULATION	LANGUAGES.=
RELHS68	A	SIMULATION	STUDY OF RESOURCE MANAGEMENT IN A TIME-SHARING ENVIRONMENT.=
SMES63		SIMULATION	IN SYSTEMS ENGINEERING.=
SYND66	90 - A DIGITAL	SIMULATION	PROGRAM FOR CONTINUOUS SYSTEM MODELING.=DSL/
TRDS67		SIMULATION	OF GENERAL CONTROL SYSTEMS.=
TEICS66	COMPUTER	SIMULATION	- DISCUSSION OF TECHNIQUE AND COMPARISON OF LANGUAGES.=
SEIS66	F DIGITAL	SIMULATION	=ON TELEPROCESSING SYSTEM DESIGN, PART-IV - THE RAE D
TUCSA63	THE ART OF	SIMULATION	=
SCHW68	CS IN COMPUTER	SIMULATION	OF DIGITAL COMMUNICATION SYSTEMS.=EXTERNAL STATISTI
STAR68	GATHERING AND	SIMULATION	FOR THE APOLLO REAL-TIME OPERATING SYSTEM.=STATISTICS
NIS167		SIMULATION	OF TIME-SHARING SYSTEMS.=
LAVD566	DIGITAL	SIMULATION	OF A TIME-SHARED SYSTEM.=
GREOC65	OMPUTATION AND	SIMULATION	OPS-3.=ON-LINE C
NICS67	COMPUTER	SIMULATION	OF COMPUTER SYSTEM PERFORMANCE.=
RISS68	ODEL BUILDING,	SIMULATION	AND EVALUATION.=SYSTEMS: M
HUTSP67	ROBLEMS IN THE	SIMULATION	OF MULTIPROCESSOR COMPUTER SYSTEMS.=SOME P
HOLAS68		SIMULATION	OF A MULTIPROCESSING SYSTEM USING GPSS.=
BRESD64	VEY OF DIGITAL	SIMULATION	=A SUR
RUSP67		SIMULATION	PROGRAMMING LANGUAGES.=
RUEEC67	YSTEMS THROUGH	SIMULATION	=EVALUATING COMPUTER S
IHCP67	JECTED THROUGH	SIMULATION	=COMPUTER PERFORMANCE PRO
CHUCS63	THE CONCEPT OF	SIMULATION	=AN ANALYSIS OF
CHOSS65	SYSTEMS AND	SIMULATION	=
NAYCS66	COMPUTER	SIMULATION	TECHNIQUES.=
HUTCC65	OMPUTER CENTER	SIMULATION	PROJECT.=A C
EVADC67		SIMULATION	USING DIGITAL COMPUTERS =
HOLDS67	DIGITAL	SIMULATION	IN OPERATIONAL RESEARCH.=
GREOL68	E, INCREMENTAL	SIMULATION	=ON-LI
NAYVC67	ON OF COMPUTER	SIMULATION	MODELS.=VERIFICATI
KASM66		SIMULATION	OF A MULTIPROCESSOR COMPUTER SYSTEM.=
MARSP63	SIMSCRIPT - A	SIMULATION	PROGRAMMING LANGUAGE.=
AMSE66	A	SIMULATION	OF THE EFFECTS OF DYNAMIC STORAGE ALLOCATION HARDWARE AND SEGMENTING ALGORITHM
LEHCC63	PUTER LOGIC BY	SIMULATION	OF A COMPUTER.=THE CHECKING OF COM
JOOS67	ON-LINE	SIMULATION	=
FINST66		SIMULATION	OF A TIME-SHARING SYSTEM.=
KNSL64	SYSTEMS	SIMULATION	=SOL - A SYNTHETIC LANGUAGE FOR GENERAL PURPOSE
JACDS	DIGITAL	SIMULATION	OF LARGE-SCALE SYSTEMS.=
COHLJ66	MULTI-COMPUTER	SIMULATION	STUDY.=MULTI-
JOIS67	INCREMENTAL	SIMULATION	ON A TIME-SHARED COMPUTER.=

COHAS		SIMULATION	OF A CONVENTIONAL EQUIPMENT SYSTEM ON A COMPUTER.=
PETS66	RETICAL AND BY	SIMULATION	OF A TIME-SHARED COMPUTER SYSTEM.=AN ANALYSIS, BOTH THEO
MANU167	DIGITAL-ANALOG	SIMULATION	PROGRAM FOR THE IBM 1620-II COMPUTER.=DIANA - A
MARI508	H MODELING AND	SIMULATION	=COMPUTE
HUTS505	ALYSIS THROUGH	SIMULATION	=COMPUTER SYSTEMS DESIGN AND AN
NIAS67	PPROACH TO THE	SIMULATION	OF A TIME-SHARING SYSTEM.=AN A
GLID567	DESIGN THRU	SIMULATION	OF A MULTIPLE ACCESS INFORMATION SYSTEM.=
VERS508		SIMULATION	DESIGN OF A MULTIPROCESSING SYSTEM.=
DASA66	AN ALGOL BASED	SIMULATION	LANGUAGE.=SIMULA -
HEGP65	ENERAL PURPOSE	SIMULATOR	=SPSS-3 AN EXPANDED &
COHJM67	SE OF FAST AND	SLOW	MEMORIES IN LIST PROCESSING LANGUAGES.=A M
HONA467	NO MONITOR FOR	SMALL	MACHINES.=A MULTIPROGRAMM
ESMSC67		SUPER	COMPUTER - A COMPUTER IN INSTRUMENTATION AUTOMATION.=
DRYS165	GHTS ABOUT THE	SOCIAL	IMPLICATIONS OF ACCESSIBLE COMPUTING.=SOME THOU
MADP508	MULTIPROCESSOR	SOFTWARE	LOCKOUT.=MULTIP
OPMS564	MEASUREMENT OF	SOFTWARE	CHARACTERISTICS.=MEASUR
FOXE567	EXPERIMENTS IN	SOFTWARE	MODELING.=EXPERI
BEMS508		SOFTWARE	INSTRUMENTATION SYSTEMS FOR OPTIMUM PERFORMANCE.=
KNSL64		SOL	- A SYMBOLIC LANGUAGE FOR GENERAL PURPOSE SYSTEMS SIMULATION.=
SMJ467	TITIONED STATE	SPACE	AND THE CONTROL OF MULTIPROGRAMMING.=UNKNOWN DECISIONS IN PRO
GROH553	HIGH	SPEED	ARITHMETIC: THE DIGITAL COMPUTER AS A RESEARCH TOOL.=
LEHS505	ATIO. AND HIGH	SPEED	PARALLEL PROCESSING.=SERIAL MODE OPER
WHIR64	UT-OUTPUT	SPEEDS	UPON THROUGHPUT ON THE LARGE COMPUTER.=OPERATING EFFECTS OF CENTRAL PROCESSOR A
RAIM564	RNAL OPERATING	SPEEDS	OF COMPUTERS.=A METHOD FOR MEASURING THE PERF
CHEB168	BOUNDED-OUTPUT	STABILITY	OF LINEAR TIME-VARYING FEEDBACK SYSTEMS.=ASYMPTOTIC-INPUT
TOR167	SSING POWER: A	STANDARDIZED	EVALUATION.=REAL-TIME PROCE
GOSS502		STANDARDIZED	COMPARISONS OF COMPUTER PERFORMANCE .=
SHEM506		STATISTICAL	ANALYSIS OF PAGED AND SEGMENTED COMPUTER SYSTEMS =
DEGS508	A	STATISTICAL	MODEL FOR CONSOLE BEHAVIOR IN MULTIUSER COMPUTERS.=
BRYJ067	A CONSOLE - A	STATISTICAL	SUMMARY.=JOSS: 20000 HOURS AT
STAA68		STATISTICS	GATHERING AND SIMULATION FOR THE APOLLO REAL-TIME OPERATING SYSTEM.=
WHI564		STATISTICS	FOR CTSS.=
SCHW508	EXTREMAL	STATISTICS	IN COMPUTER SIMULATION OF DIGITAL COMMUNICATION SYSTEMS.=
COFF166	INTERARRIVAL	STATISTICS	FOR TIME-SHARING SYSTEMS.=
FIKS168		STEPS	TOWARDS TO A GENERAL-PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STO
COFC566		STOCHASTIC	MODELS OF MULTIPLE AND TIME-SHARED COMPUTER OPERATIONS.=
MENC565	NING A CENTRAL	STORAGE	DEVICE SERVED BY MULTIPLE TERMINALS.=ON A PROBLEM CONFIG
FIKS168	CAPACITY CORE	STORAGE	AND TSS/360.=STEPS TOWARDS TO A GENERAL-PURPOSE TIME-SHARING SYSTEM USING LARG
HUML067	LARGE CORE	STORAGE	UTILIZATION IN THEORY AND IN PRACTICE.=
RAND568	DYNAMIC	STORAGE	ALLOCATION SYSTEMS.=
PIPG68	ROL IN VIRTUAL	STORAGE	COMPUTER SYSTEMS.=PROGRAM BEHAVIOR AND CONT
EDOL62	ONE LEVEL	STORAGE	SYSTEM.=
BELS866	FOR A VIRTUAL	STORAGE	COMPUTER.=A STUDY OF REPLACEMENT ALGORITHMS
GURS868		STORAGE	REQUIREMENTS FOR INFORMATION HANDLING CENTERS.=
FUEC68	EXTENDED CORE	STORAGE	=CONSIDERATIONS IN THE DESIGN OF A MULTIPLE COMPUTER SYSTEM WITH
AMSL66	CTS OF DYNAMIC	STORAGE	ALLOCATION HARDWARE AND SCHEDULING ALGORITHMS ON TIME-SHARING SYSTEMS.=A STUDI
SMJ567	PAGE ON DEMAND	STRATEGY	=MULTIPROGRAMMING UNDER A
RUCI65	N A VARIABLE	STRUCTURE	COMPUTER.=AUTOMATIC ASSIGNMENT OF COMPUTATIONAL TASKS I
VYSM65		STRUCTURE	OF THE MULTICS SUPERVISOR.=
ESTA663	IN A VARIABLE	STRUCTURE	COMPUTER SYSTEM.=AUTOMATIC ASSIGNMENT OF COMPUTATIONS
MCKE555	CIATIVE MEMORY	STRUCTURE	=THE ASSO
ARPA66	AND ADDRESSING	STRUCTURE	IN A TIME-SHARING ENVIRONMENT.=PROGRAM
DESS064	THE	STRUCTURE	OF ON-LINE INFORMATION PROCESSING SYSTEMS.=
ADOS65	ON OPTIMAL AND	SUBOPTIMAL	POLICIES IN CONTROL SYSTEMS.=ON OPT
WOLS765	A	SUBROUTINE	TRACE PROGRAM FOR CTSS.=
BRYJ067	A STATISTICAL	SUMMARY	=JOSS: 20000 HOURS AT A CONSOLE -
WOOS567	A GENERALIZED	SUPERVISOR	FOR A TIME-SHARED OPERATING SYSTEM =

VYSM65	OF THE MULTICS	SUPERVISOR	=STRUCTURE
MOAS67	L OF THE ATLAS	SUPERVISOR	=AN APPRAISA
CALSP67	CE EVALUATION:	SURVEY	AND APPRAISAL.=SYSTEM PERFORMAN
BRESD64	A	SURVEY	OF DIGITAL SIMULATION.=
HICC166	NSTRUCTION - A	SURVEY	OF THE LITERATURE.=COMPUTER-ASSISTED I
LEHSP66	A	SURVEY	OF PROBLEMS AND PRELIMINARY RESULTS CONCERNING PARALLEL PROCESSING AND PARALLE
COFAN68	ED FOR LIMITED	SWAPPING	=ANALYSIS OF TWO TIME-SHARING ALGORITHMS DESIGN
KNSL64	SOL - A	SYMBOLIC	LANGUAGE FOR GENERAL PURPOSE SYSTEMS SIMULATION.=
BAGI160	ATA PROCESSING	SYSTEM)	=TWO THINK PIECES: ESTABLISHING A MEASURE OF CAPABILITY OF AD
SCHUH67	DEVICE FOR IBM	SYSTEM/360	TIME-SHARING EVALUATION.=HARDWARE MEASUREMENT
SOES66	SCALE AND IBM	SYSTEM/360	=ECONOMIES OF
GIBI566	G WITH THE IBM	SYSTEM/360	: MODEL 67.=TIME-SHARIN
CONSA64	SYSTEM ASPECT:	SYSTEM/360	MODEL 67.=SYSTEM
KASN67	ENTAL MODEL OF	SYSTEM/360	=AN EXPERIM
UNIV68	SIMULATION IN	TACTICAL	COMPUTING SYSTEMS.=THE VALUE OF DIGITAL
RUC163	COMPUTATIONAL	TASKS	IN A VARIABLE STRUCTURE COMPUTER.=AUTOMATIC ASSIGNMENT OF
VOUM67		TDMS	- A NEW APPROACH TO DATA MANAGEMENT.=
SAC165	CTSS	TECHNICAL	NOTES.=
SHAIC65	A	TECHNIQUE	TO CONTROL WAITING TIME IN A QUEUE.=
TEIC566	DISCUSSION OF	TECHNIQUE	AND COMPARISON OF LANGUAGES.=COMPUTER SIMULATION -
JOSCV64	COST-VALUE	TECHNIQUE	FOR EVALUATION OF COMPUTER SYSTEM PROPOSALS.=
NAYCS66	TER SIMULATION	TECHNIQUES	=COMPU
JAUAP68	TIVE PROCESSOR	TECHNIQUES	- INTERIM REPORT. =STUDY OF ADVANCED ASSOCIA
SETS66	ON	TELEPROCESSING	SYSTEM DESIGN, PART-IV - THE ROLE OF DIGITAL SIMULATION.=
MENCS65	D BY MULTIPLE	TERMINALS	=ON A PROBLEM CONCERNING A CENTRAL STORAGE DEVICE SERVE
DUPIP62		TEST	PROBLEMS USED FOR EVALUATION OF COMPUTERS.=
GINN165	NOTES ON	TESTING	REAL-TIME SYSTEM PROGRAMS.=
PET566	ANALYSIS, BOTH	THEORETICAL	AND BY SIMULATION, OF A TIME-SHARED COMPUTER SYSTEM.=AN
KLT567	ED SYSTEMS - A	THEORETICAL	TREATMENT.=TIME-SHAR
LEAU66	PLIED QUEUEING	THEORY	=AP
HUMLC67	UTILIZATION IN	THEORY	AND IN PRACTICE.=LARGE CORE STORAGE
KLSP60	QUEUEING	THEORY	MODEL.=SEQUENTIAL PROCESSING MACHINES (SPM) ANALYZED WITH A
KLTU66		THEORY	OF QUEUES APPLIED TO TIME-SHARED COMPUTER SYSTEMS.=
DAVST65	SOME	THOUGHTS	ABOUT THE SOCIAL IMPLICATIONS OF ACCESSIBLE COMPUTING.=
DEGT168		THRASHING	ITS CAUSES AND ITS PREVENTION =
WHIR64	SPEEDS UPON	THROUGHPUT	ON THE LARGE COMPUTER.=RELATIVE EFFECTS OF CENTRAL PROCESSOR AND INPUT-OUTPUT
WALTC67	THE	THROUGHPUT	AND COST EFFECTIVENESS OF MONOPROGRAMMED, MULTIPROGRAMMED AND MULTIPROCESSING
GLDS67	DESIGN	THRU	SIMULATION OF A MULTIPLE ACCESS INFORMATION SYSTEM.=
ARCA66	R ANALYSIS AND	THRUPUT	EVALUATION.=COMPUTE
WOOS67	PERVISOR FOR A	TIME-SHARED	OPERATING SYSTEM =A GENERALIZED SU
KLTS67		TIME-SHARED	SYSTEMS - A THEORETICAL TREATMENT.=
PYTS		TIME-SHARED	COMPUTER SYSTEMS.=
KLDA	NED SERVICE IN	TIME-SHARED	SYSTEMS.=DISTRIBUTION OF ATTAI
ESKMM67	ASUREMENTS FOR	TIME-SHARED	COMPUTER UTILITIES.=MEASURES, MODELS AND ME
LAVDS66	IMULATION OF A	TIME-SHARED	SYSTEM.=DIGITAL S
KLTU66	UES APPLIED TO	TIME-SHARED	COMPUTER SYSTEMS.=THEORY OF QUE
ONTS	RIENCE USING A	TIME-SHARED	MULTIPROGRAMMING SYSTEM WITH DYNAMIC ADDRESS RELOCATION HARDWARE.=EXPE
PETS66	ON, OF A	TIME-SHARED	COMPUTER SYSTEM.=AN ANALYSIS, BOTH THEORETICAL AND BY SIMULATI
SCHRM66	G MODELS FOR A	TIME-SHARED	FACILITY.=SOME QUEUEIN
KRTS66		TIME-SHARED	COMPUTER OPERATIONS WITH BOTH INTERARRIVAL TIMES AND SERVICE TIMES EXPONENTIAL
SCHEA65	AN ANALYSIS OF	TIME-SHARED	COMPUTER SYSTEMS.=AN ANA
COFCN66	F MULTIPLE AND	TIME-SHARED	COMPUTER OPERATIONS.=STOCHASTIC MODELS O
PES1	THE STUDY OF	TIME-SHARED	COMPUTER SYSTEMS.=
COFKR64	RY ANALYSIS OF	TIME-SHARED	COMPUTER OPERATION.=PRELIMINA
COFKQ68	ING MODELS FOR	TIME-SHARED	SYSTEMS.=FEEDBACK QUEUE
SCHES67	ANALYSIS OF	TIME-SHARED	COMPUTER SYSTEMS - SIMULATION OF CTSS.=
JOIS67	IMULATION ON A	TIME-SHARED	COMPUTER.=INCREMENTAL S

KLAT64	ANALYSIS OF A	TIME-SHARED	PROCESSOR.=
STIC69	E CRITERIA FOR	TIME-SHARING	SYSTEM PERFORMANCE.=SOM
SMJA66	AN ANALYSIS OF	TIME-SHARING	COMPUTER SYSTEMS USING MARKOV MODELS.=AN ANA
WEIUP66	THE IMPACT OF	TIME-SHARING	ON DATA PROCESSING MANAGEMENT.=
KOPJA68	H TO REAL-TIME	TIME-SHARING	=JANUS - A FLEXIBLE APPROAC
SCHET66		TIME-SHARING	MEASUREMENT.=
POTS67	COMPUTER	TIME-SHARING	- A REVIEW.=
FIKST68	ENERAL-PURPOSE	TIME-SHARING	SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360.=STEPS TOWARDS TO A G
SCHUH67	IBM SYSTEM/360	TIME-SHARING	EVALUATION.=HARDWARE MEASUREMENT DEVICE FOR
COFUN	A LARGE-SCALE	TIME-SHARING	SYSTEM.=POTENTIALS OF
SCHWG64	ENERAL PURPOSE	TIME-SHARING	SYSTEM.=A G
LIVGA66	AL APPROACH TO	TIME-SHARING	- ALGORITHMS FOR SCHEDULING AND CONTROL OF COMPUTER RESOURCES.=A GENER
SCHAB67	COMPARISON OF	TIME-SHARING	AND BATCH PROCESSING.=AN EXPERIMENTAL
LAUBC67	RE IN A 360/67	TIME-SHARING	SYSTEM.=BULK CO
NIAS67	IMULATION OF A	TIME-SHARING	SYSTEM.=AN APPROACH TO THE S
SCHWT67	THE SDC	TIME-SHARING	SYSTEM REVISITED.=
COFW166	STATISTICS FOR	TIME-SHARING	SYSTEMS.=INTERARRIVAL
GREPP66	M AND COMPUTER	TIME-SHARING	=THE PRIORITY PROBLE
FINST66	IMULATION OF A	TIME-SHARING	SYSTEM.=S
BELTS68	UNDAMENTALS OF	TIME-SHARING	COMPUTERS.=F
NIS167	SIMULATION OF	TIME-SHARING	SYSTEMS.=
NIA666	RPOSE COMPUTER	TIME-SHARING	SYSTEMS.=THE ANALYSIS OF GENERAL PU
CHAJM66	SIMPLE CASE OF	TIME-SHARING	=A QUEUEING MODEL FOR A
COFAN68	NALYSIS OF TWO	TIME-SHARING	ALGORITHMS DESIGNED FOR LIMITED SWAPPING.=A
RELHS68	ANAGEMENT IN A	TIME-SHARING	ENVIRONMENT.=A SIMULATION STUDY OF RESOURCE M
AMEC65	PARAMETERS ON	TIME-SHARING	SYSTEMS.=EFFECTS OF CERTAIN
SHEMA63	FERENCE IN A	TIME-SHARING	INFORMATION PROCESSING SYSTEM.=A MATHEMATICAL ANALYSIS OF INPUT/OUTPUT INTER
FIFUM66	TION MODEL FOR	TIME-SHARING	=AN OPTIMIZA
OPRM68	A MEDIUM SCALE	TIME-SHARING	OPERATING SYSTEM.=RESOURCE MANAGEMENT FOR
AMSL66	ALGORITHMS ON	TIME-SHARING	SYSTEMS.=A SIMULATION OF THE EFFECTS OF DYNAMIC STORAGE ALLOCATION HARDWARE AN
GIBIS66		TIME-SHARING	WITH THE IBM SYSTEM/360 : MODEL 67.=
PAMA64	IS OF COMPUTER	TIME-SHARING	SYSTEMS.=MATHEMATICAL ANALYS
ARPA66	STRUCTURE IN A	TIME-SHARING	ENVIRONMENT.=PROGRAM AND ADDRESSING
SHEMM67	SIDERATIONS OF	TIME-SHARING	SCHEDULING ALGORITHMS.=SOME MATHEMATICAL CON
ARTS67		TIME-SHARING	SYSTEMS: A REVIEW.=
CHEB168	EAR	TIME-VARYING	FEEDBACK SYSTEMS.=BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF LIN
LISC66		TITLE	TO BE OBTAINED.=
GROH553	S A RESEARCH	TOOL	=HIGH SPEED ARITHMETIC: THE DIGITAL COMPUTER A
WOLST65	A SUBROUTINE	TRACE	PROGRAM FOR CTSS.=
SATC66		TRAFFIC	CONTROL IN A MULTIPLEXED COMPUTER SYSTEM.=
ESMMC67	YCLIC GRAPH	TRANSFORMATIONS	=MODELS OF COMPUTATIONAL SYSTEMS - CYCLIC TO C
KLTS67	A THEORETICAL	TREATMENT	=TIME-SHARED SYSTEMS -
FIKST68	RE STORAGE AND	TSS/360	=STEPS TOWARDS TO A GENERAL-PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY C
GAOP	ON PRIORITY	TYPE	DISCIPLINES IN QUEUEING.=
GOEP66	FOR MULTI- AND	UNI-PROCESSOR	COMPUTERS.=EXPLICIT PARALLEL PROCESSING DESCRIPTION AND CONTROL IN PROGRAMS
DORMM65	MULTIPROCESSOR	USER	=A MASS MEMORY SYSTEM DESIGNED FOR THE MULTIPROGRAM -
COMPS67	THE EFFECT OF	USER	PROGRAM OPTIMIZATION ON A PAGING SYSTEM.=A STUDY OF
ESKMM67	ARED COMPUTER	UTILITIES	=MEASURES, MODELS AND MEASUREMENTS FOR TIME-SH
FAMS65	- THE COMPUTER	UTILITY	APPROACH.=THE MAC SYSTEM
GRAP168	ION PROCESSING	UTILITY	=PROTECTION IN AN INFORMAT
HUMLC67	E CORE STORAGE	UTILIZATION	IN THEORY AND IN PRACTICE.=LARG
FOLMM67	N MODEL OF THE	U-OF-MICH	EXECUTIVE SYSTEM.=A MARKOVIA
UNIV68	THE	VALUE	OF DIGITAL SIMULATION IN TACTICAL COMPUTING SYSTEMS.=
RUC163	NAL TASKS IN A	VARIABLE	STRUCTURE COMPUTER.=AUTOMATIC ASSIGNMENT OF COMPUTATIO
ESTAA63	PUTATIONS IN A	VARIABLE	STRUCTURE COMPUTER SYSTEM.=AUTOMATIC ASSIGNMENT OF COM
NAYVC67		VERIFICATION	OF COMPUTER SIMULATION MODELS.=
SACK68	TIME SHARING	VERSUS	BATCH PROCESSING: THE EXPERIMENTAL EVIDENCE.=

ESMMS67	EVALUATION OF	VERTEX	PROBABILITIES IN GRAPH MODELS OF COMPUTATIONS.=MODELS OF COMPUTATIONS AND SYS
BELSR66	GORITHMS FOR A	VIRTUAL	STORAGE COMPUTER.=A STUDY OF REPLACEMENT AL
PIPU68	AND CONTROL IN	VIRTUAL	STORAGE COMPUTER SYSTEMS.=PROGRAM BEHAVIOR
FREER68	EFFICIENCY	VS	RESPONSIVENESS IN A MULTIPLE-SERVICES COMPUTER FACILITY.=
SHAIC65	QUE TO CONTROL	k ITING	TIME IN A QUEUE.=A TECHNI
KLCL65	TION LAW FOR A	WIDE	CLASS OF QUEUEING DISCIPLINES.=A CONSERVA
DEGWS68	THE	WORKING	SET MODEL FOR PROGRAM BEHAVIOR.=
COFBN67	BABILITY MODEL	YIELDING	PERFORMANCE BOUNDS FOR MODULAR MEMORY SYSTEMS.=A SIMPLE PRO
BAGIT68	THINK PIECES:	(ESTABLISHING	A MEASURE OF CAPABILITY OF ADATA PROCESSING SYSTEM).=TWO
WILMA67	MPUTER SYSTEMS	(PT-1)	=THE DESIGN OF MULTIPLE-ACCESS CO
WILMD68	MPUTER SYSTEMS	(PT-2)	=THE DESIGN OF MULTIPLE-ACCESS CO
KLSP66	SSING MACHINES	(SPM)	ANALYZED WITH A QUEUEING THEORY MODEL.=SEQUENTIAL PROCE
HILRT66	BIBLIOGRAPHY	(1961-1966)	=REAL-TIME INFORMATION SYSTEMS - AN ANNOTATED
MANDI67	OR THE IBM	1620-II	COMPUTER.=DIANA - A DIGITAL-ANALOG SIMULATION PROGRAM F
KNEC68	ER PERFORMANCE	1963	- 1967.=EVOLVING COMPUT
BRYJ067	JOSS:	20000	HOURS AT A CONSOLE - A STATISTICAL SUMMARY.=
LAUBC67	BULK CORE IN A	360/67	TIME-SHARING SYSTEM.=BULK C
STES68	E CONTROL DATA	6600	=SYSTEM EVALUATION ON TH
GIBTS66	EM/360 : MODEL	67	=TIME-SHARING WITH THE IBM SYST
WEISS66		7040	SIMSCRIPT - A CASE STUDY.=
CONSA64	STEM/360 MODEL	92	=SYSTEM ASPECT: SY

AMEC65 AMDAHL,G.M.
EFFECTS OF CERTAIN PARAMETERS ON TIME-SHARING SYSTEMS.=
IN GEOPHYSICAL THEORY AND COMPUTERS. PEKERIS,C.L. ED.
OXFORD - BLACKWELL SCIENTIFIC PUB.,1966 P.260-261 (CR 12372)
PROC 2ND INTERNATIONAL SYMPOSIUM, REHOVOTH, ISRAEL, JUN 1965

AMSE66 AMDAHL,G.M. BEHMAN,S.R.
A SIMULATION OF THE EFFECTS OF DYNAMIC STORAGE ALLOCATION
HARDWARE AND SCHEDULING ALGORITHMS ON TIME-SHARING SYSTEMS.=
UNPUBLISHED, 1966

ANPE67 ANACKER,W. WANG,C.P.
PERFORMANCE EVALUATION OF COMPUTING SYSTEMS WITH MEMORY
HIERARCHIES.=
IEEE TRANS. COMP.,VOL.EC-16,NO.6(DEC 1967),P.764-773

AOOS65 AOKI,M.
ON OPTIMAL AND SUBOPTIMAL POLICIES IN CONTROL SYSTEMS.=
(CR 8344)
ADVANCES IN CONTROL SYSTEMS: THEORY AND APPLICATIONS VOL.1

AOPA63 AOKI,M. ESTRIN,G. MANDELL,R.
A PROBABILISTIC ANALYSIS OF COMPUTING LOAD ASSIGNMENT IN A
MULTIPROCESSOR COMPUTER SYSTEM.= (CR 6092)
PROC AFIPS FJCC 1963, SPARTAN BOOKS, PALTO., P.147-160

APPM65 APPLE,C.T.
THE PROGRAM MONITOR - A DEVICE FOR PROGRAM PERFORMANCE
MEASUREMENT.=
PROC ACM 20TH NATL. CONF. (AUG 1965),P.66-75

ARCA66 ARBUCKLE,R.A.
COMPUTER ANALYSIS AND THRUPUT EVALUATION.=
COMPUT.AUTOM.,VOL.15,NO.1(JAN 1966),P.12-15,19.

ARPA66 ARDEN,B.W., Baller, BA. O'Brien, T.C. Westervelt, F.H
PROGRAM AND ADDRESSING STRUCTURE IN A TIME-SHARING
ENVIRONMENT.= (CR 11210)
J.ACM 13,1 (JAN 66) 1-16.

ARTS67 ARDEN,B.W.
TIME-SHARING SYSTEMS: A REVIEW.=
PROC IEEE INTERNATL CON.,15 PART 10 (MAR 67), P.23-25

ASIM67 ASCHENBRENNER,R.A. FLYNN,M. ROBINSON,G.A.
INTRINSIC MULTIPROCESSING.= (CR 12770)
PROC AFIPS SJCC 1967, P.81-86

BAGT160 BAGLEY,P.R.
TWO THINK PIECES: (ESTABLISHING A MEASURE OF CAPABILITY OF A
DATA PROCESSING SYSTEM).=
CACM 3,1 (JAN 1960),P.1

BAIUM BAIR,R.P.
THE USE OF MULTIPLE ASSOCIATIVE MEMORIES IN PROGRAMMING THE

GROWING MACHINE.= MASTERS THESIS. PENN UNIV. PHILA. MOORE SCHOOL OF EE
INTERIM TECH REPT. (160P) AD-674 199

BALMA62 BALDWIN,F.R. GIBSON,W.R. POLAND,C.B.
A MULTIPROCESSING APPROACH TO A LARGE COMPUTER SYSTEM.=
IBM SYSTEMS J. VOL.1, SEPT 62, P.64

BELSR66 BELADY,L.A.
A STUDY OF REPLACEMENT ALGORITHMS FOR A VIRTUAL STORAGE COMPUTER.=
IBM SYSTEMS J. VOL.5, JULY 66, P.78-101

BELTS68 BELL,C.G.
FUNDAMENTALS OF TIME-SHARING COMPUTERS.=
COMPUTER DESIGN FEB 68,P.44-59, MAR 68,P.28-44

BEMST68 BEMER,R.W. ELLISON,A.L.
SOFTWARE INSTRUMENTATION SYSTEMS FOR OPTIMUM PERFORMANCE.=
PROC. IFIP CONGRESS 68 (AUG 1968),P.39-42

BERAP66 BERNSTEIN,A.J.
ANALYSIS OF PROGRAMS FOR PARALLEL PROCESSING.= (CR 11524)
IEEE TRANS. EC-15,5 (OCT 66) P.757-763

BISM68 BIEGEL,J.E. SARGENT,R.G. FOSTER,G.
SYSTEMS: MODEL BUILDING, SIMULATION, AND EVALUATION.=
IN LARGE SCALE INFO PROC SYS., VOL. 2, SYRACUSE U.
FINAL REPT , 107P., JULY 68

BRECS67 BRENNAN,R.D. SILVERBERG,M.Y.
TWO CONTINUOUS SYSTEM MODELING PROGRAMS.=
IBM SYSTEMS J. 6,244 1967

BRESU64 BRENNAN,R.D. LINEBARGER,R.N.
A SURVEY OF DIGITAL SIMULATION.=
SIMULATION 3,22 1964

BRPB68 BRAWN,B. GUSTAVSON,F.
PROGRAM BEHAVIOR IN A PAGING ENVIRONMENT.=
PROC AFIPS FJCC 1968, VOL 33,PT 2, P.1019-1032

BRYJ067 BRYAN,G.E.
JOSS: 20000 HOURS AT A CONSOLE - A STATISTICAL SUMMARY.=
PROC AFIPS FJCC 1967, VOL 31, P.769-778

BURA67 BURNETT,G.J. KOCZELA,L.J. HOKOM,R.A.
A DISTRIBUTED PROCESSING SYSTEM FOR GENERAL PURPOSE COMPUTIN G.=
PROC AFIPS FJCC 1967 P.757-768

BUSP67 BUXTON,J.N. (EDITOR)
SIMULATION PROGRAMMING LANGUAGES.= (CR 15565)
PROC IFIP WORKING CONF., OSLO, 1967

CALSP67 CALINGAERT,P.
SYSTEM PERFORMANCE EVALUATION: SURVEY AND APPRAISAL.=

(CR 11061)
CACM 10.1 (JAN 67) P.12-18

CAMMA68 CAMPBELL.D.J. HEFFNER.W.J.
MEASUREMENT AND ANALYSIS OF LARGE OPERATING SYSTEMS DURING SYSTEM DEVELOPMENT.=
PROC AFIPS FJCC 1968, VOL.33, P.903-914

CANFR67 CANNING.R.G.
PROGRESS IN FAST RESPONSE SYSTEMS.= (CR 13826)
SYSTEMS AND PROCEDURES J. 18.4 (JUL-AUG 67), P.20-24

CANMS68 CANTRELL.H.N. ELLISON.A.L.
MULTIPROGRAMMING SYSTEM PERFORMANCE MEASUREMENT AND ANALYSIS .=
PROC AFIPS SJCC 1968, VOL 30.P.213-221

CHACC65 CHANG.W. WONG.D.J.
COMPUTER CHANNEL INTERFERENCE ANALYSIS.=
IBM SYSTEMS J. VOL.4.2 (1965) P.162

CHAQM66 CHANG.W.
A QUEUEING MODEL FOR A SIMPLE CASE OF TIME-SHARING.=
IBM SYSTEMS J. VOL.5 (1966) P.115

CHEB168 CHEN.CHI-TSONG
BOUNDED-INPUT BOUNDED-OUTPUT STABILITY OF LINEAR TIME-VARYING FEEDBACK SYSTEMS.= (CR 15962)
J. FRANKLIN INST. 286.2 (AUG 68), P.123-124

CHOSS65 CHORAFAS.D.N.
SYSTEMS AND SIMULATION.=
ACADEMIC PRESS, N.Y., 1965

CHUCS63 CHURCHMAN.C.W.
AN ANALYSIS OF THE CONCEPT OF SIMULATION.=
SYM. ON SIMULATION MODELS. SOUTHWESTERN PUB.CO.CINNCI. 1963

CODMS60 CODD.E.F.
MULTIPROGRAM SCHEDULING.= (CR 0208)
CACM 3 (JUNE 60) P.347-350

COFAN68 COFFMAN.E.G.,JR.
ANALYSIS OF TWO TIME-SHARING ALGORITHMS DESIGNED FOR LIMITED SWAPPING.= (CR 15553)
J.ACM 15.3 (JUL 68) P.341-353

COFBN67 COFFMAN.E.G.,JR.
A SIMPLE PROBABILITY MODEL YIELDING PERFORMANCE BOUNDS FOR MODULAR MEMORY SYSTEMS.=
UNPUBLISHED NOTE, JUNE 67

COFCN66 COFFMAN.E.G.,JR.
STOCHASTIC MODELS OF MULTIPLE AND TIME-SHARED COMPUTER OPERATIONS.=
PH.D.DISSERTATION, REPT.NO. 66-38, DEPT. OF ENG. UCLA.1966

COFDN C OFFMAN,E.G.,JR.
POTENTIALS OF A LARGE-SCALE TIME-SHARING SYSTEM.= (CR 9021)

COFFN69 COFFMAN,E.G.,JR.
ANALYSIS OF A DRUM INPUT/OUTPUT QUEUE UNDER SCHEDULED
OPERATION IN A PAGED COMPUTER SYSTEM.=
J.ACM 16,1 (JAN 69) P.73-90

COFKG68 COFFMAN,E.G.,JR. KLEINROCK,L.
FEEDBACK QUEUEING MODELS FOR TIME-SHARED SYSTEMS.= (CR 16432
J.ACM 15,4 (OCT 68) P.549-576

COFKR64 COFFMAN,E.G.,JR. KRISHNAMOORTHI,B
PRELIMINARY ANALYSIS OF TIME-SHARED COMPUTER OPERATION,=
SDC, SP-1719, AUGUST 1964.

COFVS67 COFFMAN,E.G.,JR. VARIAN,L.C.
AN EMPIRICAL STUDY OF THE BEHAVIOR OF PROGRAMS IN A PAGING
ENVIRONMENT.=
PROC ACM SYM ON O/S PRINCIPLES, GATLINBURG, TENN., OCT 1967

COFW166 COFFMAN,E.G.,JR.
INTERARRIVAL STATISTICS FOR TIME-SHARING SYSTEMS.= (CR1076R)
CACM 9, (JUL 66), P.500-503

COHAS COHEN,A
SIMULATION OF A CONVENTIONAL EQUIPMENT SYSTEM ON A COMPUTER.
= (CR 12167)

COHDP68 COHEN,D.
A PARALLEL PROCESS DEFINITION AND CONTROL SYSTEM.=
PROC AFIPS FJCC 1968, VOL.33, PT.2, P.1043-1050

COHJM67 COHEN,J.
A USE OF FAST AND SLOW MEMORIES IN LIST PROCESSING LANGUAGES
.=
CACM 10, (FEB 67) P.82-86

COHLJ66 COHEN,L.J.
MULTI-COMPUTER SIMULATION STUDY.=
TECH RPT ECOM-01856-F ,FORT MONMOUTH,N.J., MARCH 1966

COMPS67 COMEAU,L.W.
A STUDY OF THE EFFECT OF USER PROGRAM OPTIMIZATION ON A
PAGING SYSTEM.=
PROC ACM SYM ON O/S PRINCIPLES, GATLINBURG, TENN., OCT 1967

CONSA64 CONTI,C.
SYSTEM ASPECT: SYSTEM/360 MODEL 92.=
PROC AFIPS FJCC 1964, VOL.26,P.81-95

CRIGM63 CRITCHLOW,A.J.
GENERALIZED MULTIPROCESSING AND MULTIPROGRAMMING SYSTEMS.=
(CR 6320)
PROC AFIPS FJCC 1963, SPARTAN BOOKS, PALO,, P.107-126

DASA66 DAHL,OLE-JOHAN NYGAARD,K
SIMULA - AN ALGOL BASED SIMULATION LANGUAGE.=
CACM 9,671, 1966.

DAVST65 DAVID,E.E.,JR. FANO,R.M.
SOME THOUGHTS ABOUT THE SOCIAL IMPLICATIONS OF ACCESSIBLE CO
MPUTING.=
PROC AFIPS FJCC 1965, VOL 27

DEGES67 DENNING,P.J.
EFFECTS OF SCHEDULING ON FILE MEMORY OPERATIONS.= (CR 13301)
PROC AFIPS SJCC 1967, VOL.30, P.9-22

DEGRA68 DENNING,P.J.
RESOURCE ALLOCATION IN MULTIPROCESS COMPUTER SYSTEMS. =
(PH.D. DISSERTATION) (CR 15412)
TECH RPT MAC-TR-50, MIT, CAMBRIDGE, MASS, 1968

DEGSM68 DENNING,P.J.
A STATISTICAL MODEL FOR CONSOLE BEHAVIOR IN MULTIUSER
COMPUTERS.=
CACM 11,9 (SEPT 68) P.605-612

DEGTI68 DENNING,P.J.
THRASHING: ITS CAUSES AND ITS PREVENTION =
PROC AFIPS FJCC 1968

DEGWS68 DENNING,P.J.
THE WORKING SET MODEL FOR PROGRAM BEHAVIOR.=
CACM 11,5 (1968) P.323-333

DESMC64 DENNIS,J.B.
A MULTIUSER COMPUTATION FACILITY FOR EDUCATION AND RESEARCH.
=
CACM 7,9 (SEPT 64),P.521-529

DESPS66 DENNIS,J.B. VANHORN,E.C
PROGRAMMING SEMANTICS FOR MULTIPROGRAMMED COMPUTATIONS.=
(CR 10479)
CACM 9,3 (MAR 66) P.143-155

DESSU65 DENNIS,J.B.
SEGMENTATION AND DESIGN OF MULTIPROGRAMMED COMPUTER SYSTEMS.
= (CR 10085)
J.ACM 12 (OCT 65) P.589-602

DESSO64 DENNIS,J.B. GLASER,E.L.
THE STRUCTURE OF ON-LINE INFORMATION PROCESSING SYSTEMS.=
(CR 9020)
PROC 2ND CONG. ON INFO. SYS. SCI., 1964, P.6

DISL64 DIMSDALE,B. MARKOWITZ,H.M.
A DESCRIPTION OF THE SIMSCRIPT LANGUAGE.= (CR 7281)
IBM SYSTEMS J. 3,1 (1964) P.57-67

DOBMM65 DOBBIE,J. ZATYKE,D.
A MASS MEMORY SYSTEM DESIGNED FOR THE MULTIPROGRAM -

MULTIPROCESSOR USER.= (CR10614)
PROC ACM 20TH NATL CONF. (1965) P.487-500

DOPTP62 DOPPING.O.
TEST PRORLEMS USED FOR EVALUATION OF COMPUTERS.=
BIT.VOL.2.NO.4(1962).P.197-202

DOWMC DOWKOUT.A.J. MORRIS.W.A. BUETTELL.D.T.
A METHODOLOGY FOR COMPARISON OF GENERALIZED DATA MANAGEMENT
SYSTEMS: - PARAMETRIC EVALUATIONS OF GENERALIZED SYSTEMS -
PEGS.= INFORMATICS.INC. - AD 811 682
FINAL RPT. CONTRACT AF 19(628)-5936

EDOL62 EDWARDS.D. KILBURN.T. LANIGAN.M. SUMNER.F.
ONE LEVEL STORAGE SYSTEM.= (CR 4176)
IRE TRANS. ON E.C., EC-11 (APR 62), P.223-225

EIM068 EISENBERG.M.
MULTI-QUEUES WITH CHANGEOVER TIMES.= PH.D. DISSERTATION
(AD 669 628)
APR 1968

ENSA68 ENDICOTT.L.J.,JR. KREGER.L.S.
SCHEDULING AND ALLOCATING IN A COMMUNICATION ENVIRONMENT.=
SOFTWARE AGE 2, (OCT 68), P.18-25

ESHSC67 ESTRIN.G. HOPKINS.D. COGGAN.B. CROCKER.S.D.
SNUPER COMPUTER - A COMPUTER IN INSTRUMENTATION AUTOMATON.=
(CR 13296)
PROC AFIPS SJCC 1967 P.645-656

ESKMM67 ESTRIN.G. KLEINROCK.L.
MEASURES, MODELS AND MEASUREMENTS FOR TIME-SHARED COMPUTER
UTILITIES.= (CR 13642)
PROC ACM 22ND NATL CONF. (1967) P.85-96

ESMMC67 ESTRIN.G. MARTIN.D.
MODELS OF COMPUTATIONAL SYSTEMS - CYCLIC TO CYCLIC GRAPH
TRANSFORMATIONS.= (CR 12374)
IEEE TRANS EC-16.1 (FEB 67) P.70-79

ESMMS67 ESTRIN.G. MARTIN.D.
MODELS OF COMPUTATIONS AND SYSTEMS - EVALUATION OF VERTEX
PROBABILITIES IN GRAPH MODELS OF COMPUTATIONS.= (CR 12864)
J.ACM 14, (APR 67) P.281-299

ESTAA63 ESTRIN.G. TURN.R.
AUTOMATIC ASSIGNMENT OF COMPUTATIONS IN A VARIABLE STRUCTURE
COMPUTER SYSTEM.=
IEEE TRANS EC-12 (DEC 63) P.755-773

EVADC67 EVANS.G
SIMULATION USING DIGITAL COMPUTERS =
PRENTICE-HALL, ENGLEWOOD CLIFFS, N.J., 1967

FAMS65 FANO.R.M.
THE MAC SYSTEM - THE COMPUTER UTILITY APPROACH.=

IEEE SPECTRUM 2,1 (JAN 65) P.56-64

FIFOC65 FIFE,D.W.
THE OPTIMAL CONTROL OF QUEUES WITH APPLICATION TO COMPUTER SYSTEMS.=
TECH RPT. 170, COOLEY ELECTRONICS LAB, U.OF MICH., 1965

FIFOM66 FIFE,D.W.
AN OPTIMIZATION MODEL FOR TIME-SHARING.= (CR 10869)
PROC AFIPS SJCC 1966, P.97-104

FIFR064 FIFE,D.W. ROSENBERG,R.
QUEUEING IN A MEMORY-SHARED COMPUTER.= (CR 6924)
PROC ACM 19TH NATL CONF (1964)

FIKST68 FIKES,R.E. LAUER,H.C. VARELA,A.L.
STEPS TOWARDS TO A GENERAL-PURPOSE TIME-SHARING SYSTEM USING LARGE CAPACITY CORE STORAGE AND TSS/360.= (CR 15994)
PROC ACM 23RD NATL CONF (1968), P.7-18

FINDP66 FINE,G.H. JACKSON,C.W. MCISAAC,P.V.
DYNAMIC PROGRAM BEHAVIOR UNDER PAGING.= (CR 11501)
PROC ACM 21ST NATL CONF (1966), P.223-228

FINSI66 FINE,G.H. MCISAAC,P.V.
SIMULATION OF A TIME-SHARING SYSTEM.= (CR 11118)
MGT SCIENCE 12,6 (FEB 66) P.B180-194

FOLMM67 FOLEY,J.D.
A MARKOVIAN MODEL OF THE U-OF-MICH EXECUTIVE SYSTEM.=
(CR 13848)
CACM 10,9 (SEPT 67), P.584-588

FOXES67 FOX,D. KESSLER,J.L.
EXPERIMENTS IN SOFTWARE MODELING.= (CR 14067)
PROC AFIPS FJCC 1967, P.429-436

FREER68 FREEMAN,D.N. PEARSON,R.R.
EFFICIENCY VS. RESPONSIVENESS IN A MULTIPLE-SERVICES COMPUTER FACILITY.= (CR 15995)
PROC ACM 23RD NATL CONF, P.25-34

FRIDB68 FREIBERGS,I.F.
THE DYNAMIC BEHAVIOR OF PROGRAMS.=
PROC AFIPS FJCC 1968, VOL.33 PT2, P.1163-1167

FUEC68 FUCHEL,K. HELLER,S.
CONSIDERATIONS IN THE DESIGN OF A MULTIPLE COMPUTER SYSTEM W ITH EXTENDED CORE STORAGE.=
CACM 11,5 (MAY 68) P.334-340

GAOP GAVER,D.P.,JR.
ON PRIORITY TYPE DISCIPLINES IN QUEUEING.= (CR 10193)

GAPM67 GAVER,D.P.,JR.
PROBABILITY MODELS FOR MULTIPROGRAMMING COMPUTER SYSTEMS.=

(CR 13459)
J.ACM 14 (JUL 67), P.423-438

GIBTS66 GIBSON,C.T.
TIME-SHARING WITH THE IBM SYSTEM/360 : MODEL 67.= (CR 10985)
PROC AFIPS SJCC 1966, VOL 28, P.61-78

GINNT65 GINZBERG,M.G.
NOTES ON TESTING REAL-TIME SYSTEM PROGRAMS.= (CR 11407)
IBM SYSTEMS J. 4,1 (1965), P.58-72

GLUS67 GLINKA,L.R. BRUSH,R.M. UNGAR,A.J
DESIGN THRU SIMULATION OF A MULTIPLE ACCESS INFORMATION SYSTEM.= (CR 14069)
PROC AFIPS FJCC 1967, P.437-447

GOEP66 GOSDEN,J.A.
EXPLICIT PARALLEL PROCESSING DESCRIPTION AND CONTROL IN PROGRAMS FOR MULTI- AND UNI-PROCESSOR COMPUTERS.= (CR 11522)
NOTE- GOOD BIBLIOGRAPHY.
PROC AFIPS FJCC 1966, P.651-660

GOSSC62 GOSDEN,J.A. SISSON,R.L.
STANDARDIZED COMPARISONS OF COMPUTER PERFORMANCE .=
INFORMATION PROCESSING 1962 (PROC IFIP CONGRESS 62),P.57-61

GRAP168 GRAHAM,R.M.
PROTECTION IN AN INFORMATION PROCESSING UTILITY.= (CR 15991)
CACM 11,5 (MAY 68), P.365-369

GREOC65 GREENBERGER,M.
ON-LINE COMPUTATION AND SIMULATION OPS-3.=
MIT PRESS, CAMBRIDGE, MASS. 1965

GREOL68 GREENBERGER,M. JONES,M.
ON-LINE, INCREMENTAL SIMULATION.= (CR 16202)
IN SIMULATION PROGRAMMING LANGUAGES P13-32

GREPP66 GREENBERGER,M.
THE PRIORITY PROBLEM AND COMPUTER TIME-SHARING.=
MGT SCIENCE 12 (1966) P.888-906

GROHS53 GROSCH,H.R.J.
HIGH SPEED ARITHMETIC: THE DIGITAL COMPUTER AS A RESEARCH TOOL.=
J.OPT.SOC.AM.,VOL.43,NO.4(APRIL 1953),P.306-310

GUMA67 GUNDERSON,D.C. HEIMERDINGER,W.L. FRANCIS,J.P.
A MULTIPROCESSOR WITH ASSOCIATIVE CONTROL.= (CR 14135) IN PROSPECTS FOR SIMULATION AND SIMULATORS OF DYNAMIC SYSTEMS
SPARTAN BOOKS, N.Y. 1967.

GURSR68 GURK,H.M. MINKER,J.
STORAGE REQUIREMENTS FOR INFORMATION HANDLING CENTERS.=
U.OF MD.,COMPUTER SCI. CENTER,TECH. RPT.68-61,FEB 1968

HACE HAUGH,C.

COMPUTER EVALUATION.= (CR 15781)

HEGP65 HERSCOVITCH,H. SCHNEIDER,T.
GPSS-4 AN EXPANDED GENERAL PURPOSE SIMULATOR.=
IBM SYSTEMS J. 4,3 (1965), P.174

HENCC63 HENDRIE,G.C. SONNENFELDT,R.W.
EVALUATING CONTROL COMPUTERS.=
ISA J.,VOL.10,NO.8(AUG 1963),P.73-78

HERUC64 HERMAN,D.J. IHRER,F.C.
THE USE OF A COMPUTER TO EVALUATE COMPUTERS.= (CR6167)
PROC AFIPS SJCC 1964, VOL.25,P.383-395

HICC166 HICKEY,A.E. NEWTON,J.M.
COMPUTER-ASSISTED INSTRUCTION - A SURVEY OF THE LITERATURE.=
(AD 628 953)
ENTELEK INC, NEWBURYPORT, MASS., JAN 1966

HILR166 HILL,D.
REAL-TIME INFORMATION SYSTEMS - AN ANNOTATED BIBLIOGRAPHY
(1961-1966).= AD 801 185L)
LOCKHEED MISSILES AND SPACE, SUNNYVALE, CAL. SEPT 1966

HOLAS68 HOLLAND,F.C. MERIKALLIO,R.A.
SIMULATION OF A MULTIPROCESSING SYSTEM USING GPSS.=
IEEE TRANS.SYST.SCI.CYB.,VOL.SSC-4(NOV 1968),P.395-400

HOLDS67 HOLLINGSDALE,S.H.
DIGITAL SIMULATION IN OPERATIONAL RESEARCH.=
AMER ELSEVIER PUB CO. 1967

HORAM67 HORNBUCKLE,G.D.
A MULTIPROGRAMMING MONITOR FOR SMALL MACHINES.= (CR 16431)
COMM ACM 10,5 (MAY 1967), 273-278

HUEEC67 HUESMANN,L.R. GOLDBERG,R.P.
EVALUATING COMPUTER SYSTEMS THROUGH SIMULATION.= (CR 13526)
COMPUTER J. 10,2 (AUG 67) P.150-156

HUMLC67 HUMPHREY,T.A.
LARGE CORE STORAGE UTILIZATION IN THEORY AND IN PRACTICE.=
(CR 12915)
PROC AFIPS SJCC 1967, P.

HUTCC65 HUTCHINSON,G.K.
A COMPUTER CENTER SIMULATION PROJECT.= (CR 9617)
CACM 8,9 (SEPT 65) P.559-568

HUTSP67 HUTCHINSON,G.K.
SOME PROBLEMS IN THE SIMULATION OF MULTIPROCESSOR COMPUTER
SYSTEMS.= (CR 15578)
PROC IFIP WORKING CONF, OSLO, 1967

HUTSS65 HUTCHINSON,G.K. MAGUIRE,J.N.
COMPUTER SYSTEMS DESIGN AND ANALYSIS THROUGH SIMULATION.=

(CR 9939) SIMULATION UNIVAC 1107.
PROC AFIPS FJCC 1965, P.161-167

IHCP67 IHRER,F.C.
COMPUTER PERFORMANCE PROJECTED THROUGH SIMULATION.=
COMPUT.AUTOM.,VOL.17,NO.4(APR 1967),P.22-27

JACDS JACOBSON,R.V.
DIGITAL SIMULATION OF LARGE-SCALE SYSTEMS.= (CR 10843)
PROC AFIPS SJCC P.159-164

JAUAP68 JAUVTIS,H.I.
STUDY OF ADVANCED ASSOCIATIVE PROCESSOR TECHNIQUES - INTERIM REPORT. =
LAB FOR ELECTRONICS,INC, BOSTON, MASS,FEB 68,NASA-CR-86076

JOIS67 JONES,M.M.
INCREMENTAL SIMULATION ON A TIME-SHARED COMPUTER.=
PH.D. DISSERTATION
ALFRED P. SLOAN SCHOOL OF MGT., MIT FEB 1967

JOOS67 JONES,M.M.
ON-LINE SIMULATION.=
PROC ACM 22ND NATL CONF, P.591-599

JOSAB65 JOSLIN,E.O.
APPLICATION BENCHMARKS: THE KEY TO MEANINGFUL COMPUTER EVALUATIONS.=
PROC ACM 20TH NATL. CONF. (AUG 1965),P.27-37

JOSCV64 JOSLIN,E.O. (EDITED BY MULLIN,M.J.)
COST-VALUE TECHNIQUE FOR EVALUATION OF COMPUTER SYSTEM PROPOSALS.= (.= 66666B
PROC AFIPS SJCC 1964,VOL.25,P.367-381

JOSC68 JOSLIN,E.O.
COMPUTER SELECTION.= (CR 16340)
ADDISON-WESLEY, READING,MASS.,1968, 176 PP.

KASM66 KATZ,J.H.
SIMULATION OF A MULTIPROCESSOR COMPUTER SYSTEM.= (CR 10870)
PROC AFIPS SJCC 1966, P.127-139

KASN67 KATZ,J.H.
AN EXPERIMENTAL MODEL OF SYSTEM/360.= (CR 14039)
CACM 10,11 (NOV 67), P.694-702

KEHC68 KEEFE,D.D.
HIERARCHICAL CONTROL PROGRAMS FOR SYSTEMS EVALUATION.=
(CR 15635)
IBM SYSTEMS J. 7,2 (1968), P.123-133

KELC68 KELLER,R.F. DENHAM,C.R.
COMPUTER SELECTION PROCEDURES.= (CR 15874)
PROC ACM 23RD NATL CONF, 1968(P.679-683

KIE0.5 KITTEL,H. MERTENS,P.

ON THE ECONOMY OF SCALE OF DATA PROCESSING SYSTEMS.=
IN GERMAN
ELEKTRONISCHE DATENVERARBEITUNG,VOL.7,NO.6(DEC1965)P.255-262

KLA0 KLEINROCK,L.
OPTIMUM BRIBING FOR QUEUE POSITION.=
OPERATIONS RESEARCH

KLAT64 KLEINROCK,L.
ANALYSIS OF A TIME-SHARED PROCESSOR.=
NAV. RES. LOGISTICS QUART. 11,10 (MAR 64), P.59-73

KLCL65 KLEINROCK,L.
A CONSERVATION LAW FOR A WIDE CLASS OF QUEUEING DISCIPLINES.
=
NAV. RES. LOGISTICS QUART 12,2 (JUNE 65) P.181-192

KLCN64 KLEINROCK,L.
COMMUNICATION NETS.=
MCGRAW HILL. NEW YORK, 1964

KLDA KLEINROCK,L.
DISTRIBUTION OF ATTAINED SERVICE IN TIME-SHARED SYSTEMS.=
PRESENTED AT WORKSHOP ON MODELS FOR TIME-SHARED PROCESSING
SYMPOSIUM ON COMPUTERS AND COMMUNICATIONS.
IEEE COMM TECH GROUP AND COMPUTER GROUP

KLSP66 KLEINROCK,L.
SEQUENTIAL PROCESSING MACHINES (SPM) ANALYZED WITH A
QUEUEING THEORY MODEL.= (CR 10613)
J.ACM 13 (APR 66), P.179-193

KLTQ66 KLEINROCK,L.
THEORY OF QUEUES APPLIED TO TIME-SHARED COMPUTER SYSTEMS.=
IEEE REGION SIX CONF RECORD VOL.2 P.491-500 (AD 649 147)

KLTS67 KLEINROCK,L.
TIME-SHARED SYSTEMS - A THEORETICAL TREATMENT.= (CR 13417)
J.ACM 14,2 (APR 67), P.242-261

KNCC66 KNIGHT,K.E.
CHANGES IN COMPUTER PERFORMANCE.=
DATAMATION,VOL.12,NO.9(SEPT 1966),P.40-54

KNEC68 KNIGHT,K.E.
EVOLVING COMPUTER PERFORMANCE 1963 - 1967.=
DATAMATION,VOL.14,NO.6(JAN 1968),P.31-35

KNSL64 KNUTH,D.E. MCNELEY,J.L.
SOL - A SYMBOLIC LANGUAGE FOR GENERAL PURPOSE SYSTEMS
SIMULATION.=
IEEE TRANS ON EC (AUG 64) P.401-414

KOEC058 KOENIGSBERG,E.
CYCLIC QUEUES.=
OPERATIONAL RESEARCH QUART., 9 (JAN 58), P.22-35

KOLSC67 KOLSKY,H.G.
SOME COMPUTER ASPECTS OF METEOROLOGY.=
IBM JOURNAL,VOL.11,NO.6(NOV 1967),P.584-600

KOPJA68 KOPF,J PLAUGER,P.
JANUS - A FLEXIBLE APPROACH TO REAL-TIME TIME-SHARING.=
PROC AFIPS FJCC 1968, VOL.33,PT2, P.1033-1042

KRPV68 KRASNOW,H.S.
THE PROCESS VIEW AND MANAGEMENT SYSTEMS.= (CR 16174)
IN SIMULATION PROGRAMMING LANGUAGES P.1-12

KRTS66 KRISHNAMOORTHI,B. WOOD,R.C.
TIME-SHARED COMPUTER OPERATIONS WITH BOTH INTERARRIVAL TIMES
AND SERVICE TIMES EXPONENTIAL.= (CR 10806)
J.ACM 13,3 (JUL 66) P.317-338

LAMSP68 LAMPSON,B.W.
A SCHEDULING PHILOSOPHY FOR MULTIPROCESSING SYSTEMS.=
CACM 11,5 (MAY 68), P.347

LAUBC67 LAUER,H.C.
BULK CORE IN A 360/67 TIME-SHARING SYSTEM.=
PROC AFIPS FJCC 1967, VOL.31, P.601-610

LAVDS66 LAVITA,P.P.
DIGITAL SIMULATION OF A TIME-SHARED SYSTEM.=
M.S. THESIS IN MATH, NYU, FEB 66

LEAQ66 LEE,A.M.
APPLIED QUEUEING THEORY.=
ST. MARTINS PRESS, NEW YORK, 1966

LEECP68 LEE,T.H. ADAMS,G.F. GAINES,W.M.
COMPUTER PROCESS CONTROL - MODELING AND OPTIMIZATION.=
(CR 15555)
JOHN WILEY , NEW YORK, 1968

LEHCC63 LEHMAN,M.M.
THE CHECKING OF COMPUTER LOGIC BY SIMULATION ON A COMPUTER.=
(CR 5145)
COMPUTER J. 6, (JUL 63), P.154-162

LEHSM65 LEHMAN,M.M.
SERIAL MODE OPERATION AND HIGH SPEED PARALLEL PROCESSING.=
PROC IFIP CONG 1965, PART 2, P.631-632

LEHSP66 LEHMAN,M.M.
A SURVEY OF PROBLEMS AND PRELIMINARY RESULTS CONCERNING
PARALLEL PROCESSING AND PARALLEL PROCESSORS.=
PROC IEEE 54,12 (1966), P.1889-1901

LEHSR68 LEHMAN,M.M. ROSENFELD,J.L.
PERFORMANCE OF A SIMULATED MULTIPROGRAMMING SYSTEM.=
PROC AFIPS FJCC 1968, VOL.33, PT2, P.1431-1442

LISC66 LINDQUIST,A.B. SEEBER,R.R. COMEAU,L.W.

TITLE TO BE OBTAINED.=
PROC IEEE SPECIAL ISSUE ON COMPUTERS 54,12 (DEC 66)1633-2038

LIVGA66 LIVERMORE,F.G.
A GENERAL APPROACH TO TIME-SHARING - ALGORITHMS FOR SCHEDULING AND CONTROL OF COMPUTER RESOURCES.=
RESEARCH PUB. GMR 549, GEN.MOTORS CORP 1966

MADMP68 MADNICK,S.E.
MULTIPROCESSOR SOFTWARE LOCKOUT.= (CR 15582)
PROC ACM 23RD NATL CONF, 1968, P.19-24

MANDI67 MANKOVITZ,R.J.
DIANA - A DIGITAL-ANALOG SIMULATION PROGRAM FOR THE IBM 1620-II COMPUTER.= (CR 14058)
TECH RPT 32-1011 REV.1, MAR 1967, JET PROPULSION LAB, CAL.

MARSP63 MARKOWITZ,H.M. HAUSNER,B. KARR,H.W.
SIMSCRIPT - A SIMULATION PROGRAMMING LANGUAGE.=
PRENTICE HALL, ENGLEWOOD CLIFFS, N.J. 1963

MARSS66 MARTIN,D.
THE AUTOMATIC ASSIGNMENT AND SEQUENCING OF COMPUTATIONS ON PARALLEL PROCESSOR SYSTEMS.= PH.D. DISSERTATION
DEPT OF ENG., UCLA, JAN 1966

MARTE67 MARTIN,D. ESTRIN,G.
EXPERIMENTS ON MODELS OF COMPUTATIONS AND SYSTEMS.= (CR13288
TRANS. IEEE EC-16,1 (FEB 67), P.59-69

MARTS68 MARTIN,F.F.
COMPUTER MODELING AND SIMULATION.=
WILEY, N.Y., 1968

MCGEE65 MCGEE,W.C.
ON DYNAMIC PROGRAM RELOCATION.= (CR 11520)
IBM SYSTEMS J. 4, (JUL 65), P.181- 199

MCKEE55 MCKEEVER,B.T.
THE ASSOCIATIVE MEMORY STRUCTURE.= (CR 10212)
PROC AFIPS FJCC 1965, P.371-388

MCKEL68 MCKELLAR,A.C. COFFMAN,E.G.
THE ORGANIZATION OF MATRICES AND MATRIX OPERATIONS IN A PAGED MULTIPROGRAMMED ENVIRONMENT.=
PRINCETON UNIVERSITY TECH RPT. NO.59 (FEB 68)

MCMIS65 MCMILLAN,C. GONZALEZ,R.F.
SYSTEMS ANALYSIS.=
RICHARD D.TREVIN INC.,HOMEWOOD, ILL., 1965

MENCS65 MENON,M.V.
ON A PROBLEM CONCERNING A CENTRAL STORAGE DEVICE SERVED BY MULTIPLE TERMINALS.= (CR 9331)
J.ACM 12,3 (JUL 65) P.350-355

MERSD68 MERIKALLIO,R.A. HOLLAND,F.C.

SIMULATION DESIGN OF A MULTIPROCESSING SYSTEM.=
PROC AFIPS FJCC 1969, VOL.33, PT2, P.1399-1410

MOAS67 MORRIS,D. SUMNER,F.H. WYLD,M.T.
AN APPRAISAL OF THE ATLAS SUPERVISOR.=
PROC ACM 22ND NATL CONF (AUG 67), P.67-75

MURPR68 MURPHY,J.E.
RESOURCE ALLOCATION WITH INTERLOCK PROTECTION IN A
MULTI-TASK SYSTEM.=
PROC AFIPS FJCC 1968, VOL.33, PT2, P.1169-1176

MURTP MURTHA,J.C.
HIGHLY PARALLEL INFORMATION PROCESSING SYSTEMS.= (CR 11678)
ADVANCES IN COMPUTERS, VOL 7, P.1-116

NAYCS66 NAYLOR,T.H.
COMPUTER SIMULATION TECHNIQUES.=
WILEY, N.Y.,1966

NAYVC67 NAYLOR,T.H. FINGER,J.M.
VERIFICATION OF COMPUTER SIMULATION MODELS.=
MGT SCIENCE 14 (OCT 67), 92-101

NELP65 NELSON,J.C.
ON THE LIMITATION OF PROCESSOR-MEMORY RECYCLE RATE IN A
MULTIPROCESSING SYSTEM.= (CR 10848)
IEEE INTERNATL CONV RECORD 1965, PT.3 P.281

NIAG66 NIELSEN,N.R.
THE ANALYSIS OF GENERAL PURPOSE COMPUTER TIME-SHARING
SYSTEMS.=
STANFORD COMPUTATION CENTER, DOC 40-10-1, 1966

NIAS67 NIELSEN,N.R.
AN APPROACH TO THE SIMULATION OF A TIME-SHARING SYSTEM.=
(CR 14066)
PROC AFIPS FJCC 1967, P.419-428

NICS67 NIELSEN,N.R.
COMPUTER SIMULATION OF COMPUTER SYSTEM PERFORMANCE.=
(CR 13525)
PROC ACM 22ND NATL CONF (1967), P.581-590

NIST67 NIELSEN,N.R.
SIMULATION OF TIME-SHARING SYSTEMS.= (CR 12769)
CACM 10 (JUL 67) P.397-412

OLEX66 OLSON,A.K.
EXEC-III.= (THESIS) (CR 13640)
CASE WESTERN RESERVE UNIVERSITY, CLEVELAND, OHIO, 1966

ONIS ONEILL,R.W.
EXPERIENCE USING A TIME-SHARED MULTIPROGRAMMING SYSTEM WITH
DYNAMIC ADDRESS RELOCATION HARDWARE.= (CR 13152)
PROC AFIPS SJCC , P.611-621

OPMS64 OPLER,A.
MEASUREMENT OF SOFTWARE CHARACTERISTICS.=
DATAMATION,VOL.10,NO.7(JUL 1964),P.27-30

OPRM68 OPPENHEIMER,G. WEIZER,N.
RESOURCE MANAGEMENT FOR A MEDIUM SCALE TIME-SHARING
OPERATING SYSTEM.= (CR 15417)
CACM 11,5 (MAY 68), P.313-322

PALC68 PALME,J.
A COMPARISON BETWEEN SIMULA AND FORTRAN.= (CR 16428)
BIT 8,3 (1968),203-209

PAMA64 PATEL,N.R.
MATHEMATICAL ANALYSIS OF COMPUTER TIME-SHARING SYSTEMS.=
MS THESIS - E.E. DEPT. (AD 605 825)
MIT TECH RPT. 20, MIT. CAMBRIDGE, MASS., JUL 1964

PATM64 PATRICK,R.L.
MEASURING PERFORMANCE.=
DATAMATION,VOL.10,NO.7(JUL 1964),P.24-27

PEST PENNEY,J.P.
THE STUDY OF TIME-SHARED COMPUTER SYSTEMS.= (CR 12370)
PROC 3RD AUSTRALIAN COMP CONF, P.406-409

PETS66 PENNEY,J.P.
AN ANALYSIS, BOTH THEORETICAL AND BY SIMULATION, OF A
TIME-SHARED COMPUTER SYSTEM.= (CR 10867)
COMPUTER J. 9,1 (MAY 66), P.53-59

PIPB68 PINKERTON,T.B.
PROGRAM BEHAVIOR AND CONTROL IN VIRTUAL STORAGE COMPUTER SYS
TEMS.= (PHD DISSERTATION)
TECH RPT 4, U.OF MICH, ANN ARBOR, MICH., 1968

POTS67 POINTEL,N. COHEN,D.
COMPUTER TIME-SHARING - A REVIEW.= (CR 13834)
COMPUTERS AND AUTOMATION 16,10 (OCT 64), P.38-46

PRAC68 PORTER,J.D. RUDWICK,B.H.
APPLICATION OF COST-EFFECTIVENESS ANALYSIS TO EDP SYSTEM SEL
ECTION.= (CR 16117)
U.S. DEPT. OF COMMERCE, MAR 68 (AD 667 522)

PYTS PYKE,T.N.,JR.
TIME-SHARED COMPUTER SYSTEMS = (CR 14065)
ADVANCES IN COMPUTERS, VOL.8, P.1-45

RAIMC64 RAICHELSON,E. COLLINS,G.
A METHOD FOR MEASURING THE INTERNAL OPERATING SPEEDS OF
COMPUTERS.=
CACM VOL.7,NO.5(MAY 1964),P.309-310

RAMA66 RAMAMOORTHY,C.A.
ANALYTIC DESIGN OF A DYNAMIC LOOKAHEAD AND PROGRAM SEGMENT -
SYSTEM FOR MULTIPROGRAMMED COMPUTERS.= (CR 11502)

PROC ACM 21ST NATL CONF 1966, P.229-239

RAMR66 RAMSAY,K. STRAUSS,J.C.
A REAL-TIME PRIORITY SCHEDULER.= (CR 11494)
PROC ACM 21ST NATL CONF 1966, P.161-166

RANDP68 RANDELL,B. KUEHNER,C.
DEMAND PAGING IN PERSPECTIVE.=
PROC AFIPS FJCC 1968, VOL.33, PT2, P.1011-1018

RANDS68 RANDELL,B. KUEHNER,C.J.
DYNAMIC STORAGE ALLOCATION SYSTEMS.=
CACM 11.5 (MAY 68) P.297-306

RAWP068 RAWLINGS,W.H. WELLER, M.F.
PERIPHERAL OPTIMIZATION IN OPERATING SYSTEMS.= (CR 15093)
HONEYWELL COMPUTER J.2,2 (SUMMER 68), P.10-19

REHSS68 REHMANN,S.L. GANGWERE,S.G.,JR.
A SIMULATION STUDY OF RESOURCE MANAGEMENT IN A TIME-SHARING
ENVIRONMENT.=
PROC AFIPS FJCC 1968, VOL.33, PT2, P.1411-1430

REIPC67 REITER,R.
A STUDY OF A MODEL FOR PARALLEL COMPUTATIONS.= THESIS
(CR 13639)
U. OF MICH., ANN ARBOR, MICH., 1967

ROUMP67 ROUER,J. ROSENE,A.F.
MEMORY PROTECTION IN MULTIPROCESSING SYSTEMS.= (CR 13185)
IEEE TRANS. EC-16,3 (JUN 67), P.320-326

ROSID65 ROSIN,R.F.
DETERMINING A COMPUTING CENTER ENVIRONMENT.=
CACM,VOL.8,NO.7(JUL 1965),P.463-468

ROSRV65 ROSENBERG,R.S. WALLACE,V.L.
ROA-1, THE RECURSIVE QUEUE ANALYZER.=
TECH RPT 2, ANN ARBOR, U.OF MICH., SYS ENG LAB, 1965

RUCT63 RUSSELL,E.C.
AUTOMATIC ASSIGNMENT OF COMPUTATIONAL TASKS IN A VARIABLE
STRUCTURE COMPUTER.=
M.S. THESIS IN EE, UCLA, 1963

SACK68 SACKMAN,H.
TIME SHARING VERSUS BATCH PROCESSING: THE EXPERIMENTAL EVIDE
NCE.= (CR 16433)
PROC AFIPS 1968 SJCC, 1-10

SACT65 SALTZER,J.H.
CISS TECHNICAL NOTES.=
REPT. MAC-TR-16, CAMBRIDGE, MASS, 1965

SATC66 SALTZER, J.H.
TRAFFIC CONTROL IN A MULTIPLEXED COMPUTER SYSTEM.=
PH.D. DISSERTATION, MIT, JUL 66, (RPT. MAC-TR-30)

SCHAB67 SCHATZOFF,M. TSAO,R. WIIG,R.
AN EXPERIMENTAL COMPARISON OF TIME-SHARING AND BATCH PROCESSING.=
CACM 10,5 (MAR 65), P.261-265

SCHEA65 SCHERR,A.L.
AN ANALYSIS OF TIME-SHARED COMPUTER SYSTEMS.= (CR 14068)
PH.D. DISSERTATION (AD 470 715)
MIT, CAMBRIDGE, MASS, JUNE 1965

SCHES67 SCHERR,A.L.
ANALYSIS OF TIME-SHARED COMPUTER SYSTEMS - SIMULATION OF CTSS.= (CR 12369)
MIT RES MONOGRAPH NO.36, MIT PRESS, CAMBRIDGE, MASS 1967

SCHET66 SCHERR,A.L.
TIME-SHARING MEASUREMENT.=
DATAMATION 12 (APR 66), P.22-26

SCHRM66 SCHRAGE,L.E.
SOME QUEUEING MODELS FOR A TIME-SHARED FACILITY.=
PH.D. DISSERTATION, DEPT INDUSTRIAL ENG.
CORNELL UNIV., ITHACA, N.Y., FEB 1966

SCHRU67 SCHRAGE,L.E.
THE QUEUE M/G/1 WITH FEEDBACK TO LOWER PRIORITY QUEUES.=
MANAGEMENT SCIENCE 13, (1967), P.466-474

SCHUH67 SCHULMAN,F.D.
HARDWARE MEASUREMENT DEVICE FOR IBM SYSTEM/360 TIME-SHARING EVALUATION.= (CR 13298)
PROC ACM 22ND NATL CONF, (1967), P.103-109

SCHWG64 SCHWARTZ,J.I. COFFMAN,E.G. WEISSMAN,C.
A GENERAL PURPOSE TIME-SHARING SYSTEM.= (CR 6693)
PROC AFIPS SJCC 1964, VOL.25, P.397-411

SCHWI67 SCHWARTZ,J.I. WEISSMAN,C.
THE SDC TIME-SHARING SYSTEM REVISITED.= (CR 13458)
PROC ACM 22ND NATL CONF, (1967), P.263-271

SCHWW68 SCHWARTZ,M. RICHMAN,S.H.
EXTREMAL STATISTICS IN COMPUTER SIMULATION OF DIGITAL COMMUNICATION SYSTEMS.= (CR 15395)
PROC AFIPS SJCC 1968, P.483-489

SETS66 SEAMAN,P.H.
ON TELEPROCESSING SYSTEM DESIGN, PART-IV - THE ROLE OF DIGITAL SIMULATION.=
IBM SYSTEMS J.,5 (SEPT 66), P.175-189

SHATC65 SHAPIRO,S.
A TECHNIQUE TO CONTROL WAITING TIME IN A QUEUE.= (CR 11451)
IBM SYSTEMS J. 4,1 (1965), P.53-57

SHEDE67 SHEDLER,G.S. LEHMAN,M.M.
EVALUATION OF REDUNDANCY IN A PARALLEL ALGORITHM.=

IBM SYSTEMS J. 6.3 (1967), P.142-149

SHEMA63 SHEMER,J.E.
A MATHEMATICAL ANALYSIS OF INPUT/OUTPUT INTERFERENCE IN A TIME-SHARING INFORMATION PROCESSING SYSTEM.=
TECH INFO SERIES R63CD13 GE CO., PHOENIX, ARIZ., NOV 1963

SHEMM67 SHEMER,J.E.
SOME MATHEMATICAL CONSIDERATIONS OF TIME-SHARING SCHEDULING ALGORITHMS.= (CR 13418)
J.ACM 14 (APR 67), P.262-272

SHEMS66 SHEMER,J.E. SHIPPEY,G.A.
STATISTICAL ANALYSIS OF PAGED AND SEGMENTED COMPUTER SYSTEMS = (CR 12531)
IEEE TRANS EC-15 (DEC 66), P.855-863

SMDC62 SMITH,E.C.
A DIRECTLY COUPLED MULTIPROCESSING SYSTEM.=
IBM SYST.J.,VOL.1,NO.3(SEPT-DEC 1962),P.218-229

SMES63 SMITH,E.C.,JR.
SIMULATION IN SYSTEMS ENGINEERING.=
IBM SYSTEMS J. VOL.1 ,1963

SMJA66 SMITH,J.L.
AN ANALYSIS OF TIME-SHARING COMPUTER SYSTEMS USING MARKOV MODELS.= (CR 10835)
PROC AFIPS SJCC 1966, P.87-95

SMJM67 SMITH,J.L.
MARKOV DECISIONS IN PARTITIONED STATE SPACE AND THE CONTROL OF MULTIPROGRAMMING.=
TECH REPT 9, SYS ENG LAB, U.OF MICH, ANN ARBOR, MICH 1967

SMJS67 SMITH,J.L.
MULTIPROGRAMMING UNDER A PAGE ON DEMAND STRATEGY.=
CACM 10 (OCT 67), P.636-646

SMMR68 SMITH,J.M.
A REVIEW AND COMPARISON OF CERTAIN METHODS OF COMPUTER PERFORMANCE EVALUATION.= (CR 15293)
COMPUTER BULL 12.1 (MAY 68), P.13-18

SOES66 SOLOMON,M.B.,JR.
ECONOMIES OF SCALE AND IBM SYSTEM/360.=
CACM,VOL.9,NO.6(JUN 1966),P.435-440

STAA68 STANLEY,W.I. HERTEL,H.F.
STATISTICS GATHERING AND SIMULATION FOR THE APOLLO REAL-TIME OPERATING SYSTEM.=
IBM SYST.J.,VOL.7,NO.2(1968),P.85-102

STAR64 STATLAND,N.
METHODS OF EVALUATING COMPUTER SYSTEMS PERFORMANCE.=
COMPUT. AUTOM.,VOL.13,NO.2(FEB 1964),P.18-23

STAC67 STAUDHAMMER,J. COMRS,C.A. WILKINSON,G.
ANALYSIS OF COMPUTER PERIPHERAL INTERFERENCE.=
PROC ACM 22ND NATL CONF 1967, P.97-101

STE068 STEVENS,D.F.
ON OVERCOMING HIGH-PRIORITY PARALYSIS IN MULTIPROGRAMMING
SYSTEMS - A CASE HISTORY.= (CR 15533)
CACM 11,8 (AUG 68), P.539-541

STES68 STEVENS,D.F.
SYSTEM EVALUATION ON THE CONTROL DATA 6600.=
PROC. IFIP CONGRESS 68(AUG 1968),P.C34-38

STIC69 STIMLER,S.
SOME CRITERIA FOR TIME-SHARING SYSTEM PERFORMANCE.=
CACM 12,1 (JAN 69), P.47-53

STIM68 STIMLER,S. BRONS,K.A.
A METHODOLOGY FOR CALCULATING AND OPTIMIZING REAL-TIME
SYSTEM PERFORMANCE.= (CR 15393)
CACM 11,7 (JUL 68), P.509-516

SYND66 SYN,W.M. LINEBARGER,R.N.
DSL/90 - A DIGITAL SIMULATION PROGRAM FOR CONTINUOUS SYSTEM
MODELING.=
PROC AFIPS SJCC 1966,

TEIC566 TEICHROEW,D. LUBIN,J.F
COMPUTER SIMULATION - DISCUSSION OF TECHNIQUE AND COMPARISON
OF LANGUAGES.= (CR 11466)
CACM 9,10 (OCT 66), P.723-741

TOCP65 TOCHER,K.
REVIEW - SIMULATION LANGUAGES.=
OPERATIONS RESEARCH QUART. 16,2 (1965) P.189

TOCSA63 TOCHER,K.D.
THE ART OF SIMULATION.=
ENGLISH UNIV. PRESS LTD., LONDON, 1963

TORT67 TOTARO,J.B.
REAL-TIME PROCESSING POWER: A STANDARDIZED EVALUATION.=
COMPUT. AUTOM.,VOL.17,NO.4(APR 1967),P.16-19

TRDS67 TRAUBOTH,H.H.
SIMULATION OF GENERAL CONTROL SYSTEMS.=
SIMULATION 8,6 (JUN 67) 319-329

UNTV68 UNGAR,A.J.
THE VALUE OF DIGITAL SIMULATION IN TACTICAL COMPUTING SYSTEM
S.= (CR 15916)
PROC ACM 23RD NATL CONF, 1968, P.259-264

VOUM67 VORHAUS,A.H.
TUMS - A NEW APPROACH TO DATA MANAGEMENT.= (CR 13827)
SYSTEMS AND PROCEDURES J, 18,4 (JUL-AUG 67), P.32-35

VYSM65 VYSSOTSKY,V.A. CORBATO,F.J. GRAHAM,R.M.
STRUCTURE OF THE MULTICS SUPERVISOR.= (CR 9732)
PROC AFIPS FJCC 1965, P.203-212

WALTC67 WALD,B.
THE THROUGHPUT AND COST EFFECTIVENESS OF MONOPROGRAMMED, MUL
TIPROGRAMMED AND MULTIPROCESSING DIGITAL COMPUTERS.=
PH.D. DISSERTATION.
U. OF MD. 1967 (NRL RPT 6549, APRIL 1967)

WAMM66 WALLACE,V.L. ROSENBERG,R.S.
MARKOVIAN MODELS AND NUMERICAL ANALYSIS OF COMPUTER SYSTEM
BEHAVIOR.=
PROC AFIPS SJCC 1966, P.141-148

WAWFA67 WALTER,E.S. WALLACE,V.L.
FURTHER ANALYSIS OF A COMPUTING CENTER ENVIRONMENT.=
CACM,VOL.10,NO.5(MAY 1967),P.266-272

WEGM067 WEGNER,P.
MACHINE ORGANIZATION FOR MULTIPROGRAMMING.= (CR 13184)
PROC ACM 22ND NATL CONF, P.135-150

WEIDP66 WEIL,J.W.
THE IMPACT OF TIME-SHARING ON DATA PROCESSING MANAGEMENT.=
(CR 11495)
DPMA QUART, 2,2 (JAN 66), P.2-16

WEISS66 WEINERT,A.E. ROSSENGA,J.R.
7040 SIMSCRIPT - A CASE STUDY.= (AD 636 396)
US GOVT RES. AND DEV. RPTS. VOL 41, SEPT 66

WHIR64 WHITE,P.
RELATIVE EFFECTS OF CENTRAL PROCESSOR AND INPUT-OUTPUT
SPEEDS UPON THROUGHPUT ON THE LARGE COMPUTER.=
CACM,VOL.7,NO.12(DEC 1964),P.711-714

WHIS64 WHITELAW,S. JONES,M.
STATISTICS FOR CTSS.=
PROJ MAC , MAC-M-161, MIT 1964, CAMBRIDGE,MASS.

WILMA67 WILKES,M.V.
THE DESIGN OF MULTIPLE-ACCESS COMPUTER SYSTEMS (PT-1).=
(CR 15414)
COMPUTER J. 10,1 (MAY 67), P.1-9

WILMD68 WILKES,M.V. NEEDHAM,R.M.
THE DESIGN OF MULTIPLE-ACCESS COMPUTER SYSTEMS (PT-2) =
(CR 15415)
COMPUTER J. 10,4 (FEB 68), P.315-320

WITMP68 WITT,B.I.
M65MP - AN EXPERIMENT IN OS/360 MULTIPROGRAMMING.= (CR 15096
PROC ACM 23RD NATL CONF (1968), P.691-703

WOLS165 WOLMAN,B.L.
A SUBROUTINE TRACE PROGRAM FOR CTSS.=

PROJ MAC. MAC-M-168-2. MIT. CAMBRIDGE. MASS . MAR 1965

WONSM61 WONDERLY.R.A.
A SEGMENTING MODEL FOR DIGITAL COMPUTER PROGRAMS.=
(MS THESIS)
DEPT MATH. U.OF N.C..CHAPEL HILL. 1961

WOOGS67 WOOD.T.C.
A GENERALIZED SUPERVISOR FOR A TIME-SHARED OPERATING SYSTEM
= (CR 14061)
PROC AFIPS FJCC 1967. P.209-214

WYMP67 WYLE.H. BURNETT.G.J.
MANAGEMENT OF PERIODIC OPERATIONS IN A REAL-TIME
COMPUTATIONAL SYSTEM.= (CR 14040)
PROC AFIPS FJCC 1967. P.201-208

WYSR67 WYLE.H. BURNETT.G.J.
SOME RELATIONSHIPS BETWEEN FAILURE DETECTION PROBABILITY AND
COMPUTER SYSTEM RELIABILITY.=
PROC AFIPS FJCC 1967. P.745-756

QFIN

QQ

RUNID: 2099 ACCOUNT: 001-01-165 PROJECT: CROOKF

LOA,, 2711 2/4 SORT -1 2099

LOAD 2623 2/5 FILEY -1 2099

SERVICE 2/4

END OF SORT: TIME PER RECORD = 20.7 MSEC.

INPUT RECORD COUNT IS : 875

OUTPUT RECORD COUNT IS : 875

BIAS IS 1.0

END OF SORT: TIME PER RECORD = 45.4 MSEC.

INPUT RECORD COUNT IS : 259

OUTPUT RECORD COUNT IS : 259

BIAS IS IN SEQ

TIME: 00:00:08.960 IN: 915 OUT: 0 PAGES: 33

INITIATION TIME: 16:58:09-APR 24.1969

TIME: 00:00:08.960 IN: 915 OUT: 0 PAGES: 33

INITIATION TIME: 16:58:09-APR 24,1969

TERMINATION TIME: 17:01:08-APR 24,1969