AD-A056 560 NAVAL UNDERWATER SYSTEMS CENTER NEW LONDON CONN NEW --ETC F/G 9/2
REFERENCE BIBLIOGRAPHY ON OPERATING SYSTEM DESIGN ISSUES FOR DI--ETC(U)
APR 78 C R ARNOLD

UNCLASSIFIED NUSC-TM-781065 NL

1 OF
AD
A056560





END
DATE
FILMED
8-78
DDC

DDC

(1) LEVEL II

TM No.
781065

AD A056560

Non-record Material - Destroy in accordance with NUSC Security Manual when no longer required.

NAVAL UNDERWATER SYSTEMS CENTER
NEW LONDON LABORATORY
NEW LONDON, CONNECTICUT 06320

(9) Technical Memorandum

(6) REFERENCE BIBLIOGRAPHY ON OPERATING SYSTEM DESIGN ISSUES
FOR
DISTRIBUTED SYSTEMS
(First Release)

AD No.
DDC FILE COPY

(11) Date: 3 April 1978

(12) 66 p.

Prepared by: (10) Charles R. Arnold
Special Projects Department
Advanced Systems
Technology Division

DDC
RECEIVED
JUL 21 1978
B

Approved for public release;
distribution unlimited.

(14) NUSC-TM-781065

78 07 07 107
405 918

Enclosure (1) to NUSC ltr ser: 8313-168

TM No.
781065

ABSTRACT

This is a working draft of a future reference bibliography on distributed systems, their architecture and principally their controlling software known as an executive or operating system. The general operating systems literature pertaining to those issues which are considered most relevant for distributed systems (i.e., Communications and Synchronization, Protection, Fault-Tolerance, System Structuring Concepts, Programming and Control Languages) has also been included.

ADMINISTRATIVE INFORMATION

This technical memorandum was prepared under NUSC Project No. A99250, "Operating System Design Issues for Distributed Systems", Principal Investigator C. R. Arnold (Code 313), Program Manager, D. Doherty (Code 8241), Naval Ocean Systems Center; and NUSC Project No. A99200, "Computer Operating System for SEAMOD Distributed Architecture", Principal Investigator, C. R. Arnold (Code 313), Program Manager, C. E. Lawson (Code 0328), Naval Sea Systems Command.

ACCESSION for
NTIS White Section ☑
DDC Buff Section ☐
UNANNOUNCED ☐
JUSTIFICATION
BY
DISTRIBUTION/AVAILABILITY CODES
Dist. AVAIL. and/or SPECIAL
A

78 07 07 107

INTRODUCTION

This is a working draft of a future reference bibliography on operating system design issues for distributed systems. As such it includes the literature on distributed systems, their architecture, their controlling software known as an executive or operating system.

First one needs a working definition of "distributed system". For our purposes, we first characterize distributed computer system in terms of a coupling parameter such that,

1) multiprocessors and array computers are tightly coupled,

2) computer networks such as ARPANET are loosely coupled,

3) and HXDP (E. D. Jensen 1978) as a primary example of a system with intermediate coupling.

For possible application to future Navy combatants, the intermediate coupled systems (3 above) appear to offer the greatest potential. Moreover, HXDP provides a hardware basis for a distributed system which can meet Enslow's (1978) definition to which we fully subscribe. Consequently, this bibliography is primarily concerned with hardware architecture like HXDP and their supporting high-level (global) operating system.

That is not to say that the parallelism concepts required for multiprocessors or the communications/synchronizations protocols of computer networks are not of interest here. Many of the same design issues for operating systems are encountered in both centralized and various types of distributed systems. Often, they are conceptually the same but from the standpoint of implementation quite different techniques are required for their resolution on different hardware architectures. Other design issues such as memory management and processor scheduling which dominate in centralized systems are of little consequence for a (global) operating system for HXDP. Consequently this bibliography also contains many (not necessarily complete) references to the general literature on operating systems which treat those issues which are considered most relevant for distributed systems. Specifically, they are the following design issues:

1) Process Communications/Synchronization

2) Protection and Related Issues

3) System Fault-Tolerance

4) System Structuring Concepts

5) Control and Programming Languages

The bibliography itself consists of two listings. The first one is alphabetical by author or first author with additional entries for multiple authors. The second listing is chronological by subtopics with possible (at most one) duplicates. Specific subtopics include the above issues as well as the following:

a) Books and Collected Works

b) Distributed Systems (General)

c) Distributed (Hardware) Architectures

d) Computer Network Issues

e) Specific Operatings Systems

f) Distributed Data-Base Issues

g) Concurrent or Parallel Processing

h) Formal Models/Verification Techniques

Any comments, additions and/or corrections will be thoughtfully received. There will be future revisions/releases. Copies or reprints will also be greatly appreciated as an aid to final subtopic classification. They should be mailed to:

Charles R. Arnold
Code 313
Naval Underwater Systems Center
New London, CT 06320

****

REFERENCE BIBLOGRAPHY ON OPERATING SYSTEM DESIGN ISSUES

FOR

DISTRIBUTED SYSTEMS

BY

CHARLES R. ARNOLD

CODE 313

NAVAL UNDERWATER SYSTEMS CENTER

NEW LONDON, CONN. 06320

DATE= APRIL 3, 1978

****

**** **** **** ALPHABETICAL BY AUTHOR(S) **** **** ****

1972 AKKOYUNLU, E., A. BERNSTEIN, AND R. SCHANTZ
AN OPERATING SYSTEM FOR A NETWORK ENVIRONMENT
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1972) PP. 529-538.

1974 AKKOYUNLU, E., A. BERNSTEIN, AND R. SCHANTZ
INTER PROCESS COMMUNICATION FACILITIES FOR NETWORK OPERATING SYSTEMS
COMPUTER, VOL. 7, NO. 6 (JUNE 1974) PP. 46-55.

1975 AKKOYUNLU, E. A., K. EKANADHAM, AND R. V. HUBER
SOME CONSTRAINTS AND TRADEOFFS IN THE DESIGN OF NETWORK COMMUNICATIONS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 67-74.

1976 ALFORD, M. W., AND I. F. BURNS
R-NETS= A GRAPH MODEL FOR REAL-TIME SOFTWARE REQUIREMENTS
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1976) PP. 97-108.

1977 AMBLER, A. L., AND C. G. HOCH
A STUDY OF PROTECTION IN PROGRAMMING LANGUAGES
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977) PP. 25-40.

1975 ANDERSON, D. R.
THE EPIC-DPS A DISTRIBUTED NETWORK EXPERIMENT
IEEE EASCON '75 DIGEST (SEPT. 1975)

1973 ANDERSON, G. A.
INTERCONNECTING A DISTRIBUTED PROCESSOR SYSTEM FOR AVIONICS
PROC. SYMP. ON COMPUTER ARCHITECTURE (DEC. 1973) PP. 11-20.

1975 ANDERSON, G. A., AND E. D. JENSEN
COMPUTER INTERCONNECTION STRUCTURES= TAXONOMY, CHARACTERISTICS, AND EXAMPLES
COMPUTING SURVEYS, VOL. 7 (DEC. 1975) PP. 197-213.

1972 ANDERSON, L. C. *** SEE THURBER, K. J.

1975 ANDERSON, L. D.
DISCIPLINED SOFTWARE DEVELOPMENT UTILIZING A HARDWARE-STRUCTURED EXECUTIVE
IEEE EASCON '75 DIGEST (SEPT. 1975)

1977 ANDREWS, G. R., AND J. R. MCGRAW
LANGUAGE FEATURES FOR PROCESS INTERACTION
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977) PP. 114-127.

1975 ARDEN, B. W., AND A. D. BERENBAUM
A MULTI-MICROPROCESSOR COMPUTER SYSTEM ARCHITECTURE
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 114-121.

1975 ARNOLD, C. R.
THE NEED FOR DISTRIBUTED OPERATING SYSTEMS
NAVAL UNDERWATER SYSTEMS CENTER, TECH. MEMO NO. TC-8-75 (APRIL 1975)

1977 AUSTIN, D. M., GENERAL CHAIRMAN
PROC. SECOND BERKELEY WORKSHOP ON DISTRIBUTED DATA MANAGEMENT AND COMPUTER NETWORKS
LAWRENCE BERKELEY LAB., UNIV. OF CALIF., BERKELEY (MAY 25-27, 1977)

1967 AVIZIENIS, A.
DESIGN OF FAULT-TOLERANT COMPUTERS
AFIPS CONF. PROC., VOL. 31 (NOV. 1967/FJCC) PP. 733-743.

1971 AVIZIENIS, A., G. C. GILLEY, F. P. MATHUR, D. A. RENNELS, J. A. ROHR, AND D. K. RUBIN
THE STAR (SELF-TESTING AND REPAIRING) COMPUTER= AN INVESTIGATION OF THE THEORY AND PRACTICE OF FAULT-TOLERANT COMPUTER DESIGN
IEEE TRANS. COMPUTERS, VOL. C-20 (NOV. 1971) PP. 1312-1321.

1977 BABIC, G. A. *** SEE PARDO, R.

1977 BABIC, G. A., M. T. LIU, AND R. PARDO
A PERFORMANCE STUDY OF THE DISTRIBUTED LOOP COMPUTER NETWORK (DLCN)
PROC. COMPUTER NETWORKING SYMP., GAITHERSBURG, MD (DEC. 1977) PP. 66-75.

1975 BAER, D. *** SEE LAWRIE, D. H.

1974 BAER, JEAN-LOUP
MODELS FOR THE DESIGN, SIMULATION, AND PERFORMANCE OF DISTRIBUTED-FUNCTION ARCHITECTURE
COMPUTER, VOL. 7, NO. 3 (MARCH 1974) PP. 25-30.

1973 BAER, J. L.
A SURVEY OF SOME THEORETICAL ASPECTS OF MULTIPROCESSING
COMPUTING SURVEYS, VOL. 5 (MARCH 1973) PP. 31-80.

1977 BAER, JEAN-LOUP, AND C. S. ELLIS
MODEL, DESIGN, AND EVALUATION OF A COMPILER FOR A PARALLEL PROCESSING ENVIRONMENT
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-3 (NOV. 1977) PP. 394-405.

1971 BALZER, R. M.
PORTS--A METHOD FOR DYNAMIC INTERPROGRAM COMMUNICATIONS AND JOB CONTROL
AFIPS CONF. PROC., VOL. 38 (MAY 1971/SJCC) PP. 485-489.

1973 BARKER, W. B. *** SEE HEART, F. E.

1977 BASHKOW, T. R. *** SEE SULLIVAN, H.

1977 BECHTOLSHEIM, A. *** SEE SWAN, R. J.

1972 BELL, C. G. *** SEE WULF, W. A.

1975 BELPAIRE, G.
SYNCHRONIZATION= IS A SYNTHESIS OF THE PROBLEMS POSSIBLE?
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 3-10.

1976 BELSNES, D
SINGLE-MESSAGE COMMUNICATION
IEEE TRANS. COMMUNICATIONS, VOL. COM-24 (FEB. 1976) PP. 190-194.

1975 BERENBAUM, A. D. *** SEE ARDEN, B. W.

1966 BERNSTEIN, A. J.
ANALYSIS OF PROGRAMS FOR PARALLEL PROCESSING
IEEE TRANS. ELECTRONIC COMPUTERS, VOL. EC-15 (OCT. 1966) PP. 757-763.

1969 BERNSTEIN, A. J. *** SEE SHOSHANI, A.

1972 BERNSTEIN, A. *** SEE AKKOYUNLU, E.

1974 BERNSTEIN, A. *** SEE AKKOYUNLU, E.

1975 BERNSTEIN, A. J., AND P. SIEGEL
A COMPUTER ARCHITECTURE FOR LEVEL STRUCTURED SYSTEMS
IEEE TRANS. COMPUTERS, VOL. C-24 (AUG. 1975) PP. 785-793.

1977 BERNSTEIN, A. J. *** SEE SILBERSCHATZ, A.

1974 BERNSTEIN, P. A. *** SEE TSICHRITZIS, D. C.

1973 BIRTWISTLE, G. M., O.-J. DAHL, B. MYHRHAUG, AND K. NYGAARD
SIMULA BEGIN
AUERBACH PUBLISHERS, PHILADELPHIA, PA (1973)

1975 BOCHMANN, G. V.
COMMUNICATION PROTOCOLS AND ERROR RECOVERY PROCEDURES
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 45-50.

1976 BOEBERT, W. E. *** SEE JENSEN, E. D.

1976 BOGGS, D. R. *** SEE METCALFE, R. M.

1962 BORCK, W. C. *** SEE SLOTNICK, D. L.

1973 BRANSTAN, D. K.
PRIVACY AND PROTECTION IN OPERATING SYSTEMS
COMPUTER, VOL. 6, NO. 1 (JAN. 1973) PP. 43-46.

1977 BRANTLEY, W. C., JR., G. W. LEIVE, AND D. P. SIEWIOREK
DECOMPOSITION OF DATA FLOW GRAPHS ON MULTIPROCESSORS
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 379-388.

1971 BREDT, T. H.
ANALYSIS OF PARALLEL SYSTEMS
IEEE TRANS. COMPUTERS, VOL. C-20 (NOV. 1971) PP. 1403-1407.

1975 BREDT, T. H. *** SEE RUSSELL, D. L.

1976 BREDT, T. H. *** SEE SAXENA, A. R.

1975 BREMER, J. *** SEE DANTHINE, A. A. S.

1975 BRESSLER, R. D. *** SEE ORNSTEIN, S. M.

1975 BROWNE, J. C., GENERAL CHAIRMAN AND PROGRAM COMMITTEE CO-CHAIRMAN
PROC. FIFTH SYMP. ON OPERATING SYSTEMS PRINCIPLES
UNIVERSITY OF TEXAS, AUSTIN TX (NOV. 19-21, 1975)
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (SPECIAL ISSUE)

1977 BROWNE, J. C., ET AL
NEW DIRECTIONS FOR OPERATING SYSTEMS= A WORKSHOP REPORT
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 1 (JAN. 1977) PP. 5-25.

1976 BRUNT, R. F., AND D. E. TUFFS
A USER-ORIENTED APPROACH TO CONTROL LANGUAGES
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (1976) PP. 93-108.

1967 BURNETT, G. J., L. J. KOCZELA, AND R. A. HOKOM
A DISTRIBUTED PROCESSING SYSTEM FOR GENERAL PURPOSE COMPUTING
AFIPS CONF. PROC., VOL. 31 (NOV. 1967/FJCC) PP. 757-768.

1976 BURNS, I. F. *** SEE ALFORD, M. W.

1974 BYRN, W. H., JR.
SEQUENTIAL PROCESSES, DEADLOCKS, AND SEMAPHORE PRIMITIVES
PH.D. THESIS, HARVARD UNIVERSITY, CAMBRIDGE, MA (AUG. 1974)

1972 CAMPBELL, C. M. *** SEE DAVIS, R. L.

1974 CAMPBELL, R. H., AND A. N. HABERMANN
THE SPECIFICATION OF PROCESS SYNCHRONIZATION BY PATH EXPRESSIONS
IN OPERATING SYSTEMS, GELENBE AND KAISER, EDS., SPRINGER-VERLAG,
BERLIN (1974) PP. 89-102.

1970 CARR, C. S., S. D. CROCKER, AND V. G. CERF
HOST-HOST COMMUNICATION PROTOCOL IN THE ARPA NETWORK
AFIPS CONF. PROC., VOL. 36 (MAY 1970/SJCC) PP. 589-597.

1977 CASEY, L., AND N. SHELNESS
A DOMAIN STRUCTURE FOR DISTRIBUTED COMPUTER SYSTEMS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 5 (NOV. 1977) PP. 101-108.

1970 CERF, V. G. *** SEE CARR, C. S.

1974 CERF, V. G., AND R. E. KAHN
A PROTOCOL FOR PACKET NETWORK INTERCOMMUNICATION
IEEE TRANS. COMMUNICATIONS, VOL. COM-22 (MAY 1974) PP. 637-648.

1972 CHANDY, K. M., AND C. V. RAMAMOORTHY
ROLLBACK AND RECOVERY STRATEGIES FOR COMPUTER PROGRAMS
IEEE TRANS. COMPUTERS, VOL. C-21 (JUNE 1972) PP. 546-556.

1975 CHANDY, K. M.
A SURVEY OF ANALYTIC MODELS OF ROLLBACK AND RECOVERY STRATEGIES
COMPUTER, VOL. 8, NO. 5 (MAY 1975) PP. 40-47.

1976 CHANDY, K. M., AND J. E. HEWES
FILE ALLOCATION IN DISTRIBUTED SYSTEMS
PROC. INT. CONF. COMPUTER PERFORMANCE MODELING, MEASUREMENT AND EVALUATION
HARVARD UNIVERSITY, CAMBRIDGE, MA (MARCH 1976) PP. 10-13.

1976 CHANG, SHI-KUO
A MODEL FOR DISTRIBUTED COMPUTER SYSTEM DESIGN
IEEE TRANS. SYSTEMS, MAN, AND CYBERNETICS,
VOL. SMC-6 (MAY 1976) PP. 344-359.

1977 CHANSLER, R. J., JR. *** SEE JONES, A. K.

1975 CHEN, R. C.
REPRESENTATION OF PROCESS SYNCHRONIZATION
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 37-42.

1976 CHEN, R. C., P. G. JESSEL, AND R. A. PATTERSON
MININET= A MICROPROCESSOR-CONTROLLED 'MININETWORK'
PROC. IEEE, VOL. 64 (JUNE 1976) PP. 988-993.

1975 CHESSON, G. L.
THE NETWORK UNIX SYSTEM
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 60-66.

1975 CHU, W. W., WORKSHOP CHAIRMAN
PROC. ACM SIGCOMM/SIGOPS INTERPROCESS COMMUNICATIONS WORKSHOP
SANTA MONICA, CALIF. (MARCH 24-25, 1975)
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (JULY 1975)

1968 CLANCY, K. P. *** SEE OPPENHEIMER, G.

1972 CLINGEN, C. T. *** SEE CORBATO, F. J.

1971 COFFMAN, E. G., JR., M. J. ELPHICK, AND A. SHOSHANI
SYSTEM DEADLOCKS
COMPUTING SURVEYS, VOL. 3 (JUNE 1971) PP. 67-78.

1973 COFFMAN, E. G., JR., AND P. J. DENNING
OPERATING SYSTEMS THEORY
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1973)

1974 COHEN, E. *** SEE WULF, W.

1975 COHEN, E. *** SEE LEVIN, R.

1975 COHEN, E., AND D. JEFFERSON
PROTECTION IN THE HYDRA OPERATING SYSTEM
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 141-160.

1971 COLIN, A. J. T.
INTRODUCTION TO OPERATING SYSTEMS
AMERICAN ELSEVIER, NEW YORK, NY (1971)

1973 COLLMEYER, A. J. *** SEE KING, P. F.

1971 COMTRE CORP.
OPERATING SYSTEMS SURVEY
AUERBACH PUBLISHERS, PRINCETON, NJ (1971)

1972 CONWAY, R. W., W. L. MAXWELL, AND H. L. MORGAN
ON THE IMPLEMENTATION OF SECURITY MEASURES IN INFORMATION SYSTEMS
COMM. ACM, VOL. 15 (APRIL 1972) PP. 211-220.

1976 COOPRIDER, L. *** SEE HABERMANN, A. N.

1965 CORBATO, F. J., AND V. A. VYSSOTSKY
INTRODUCTION AND OVERVIEW OF THE MULTICS SYSTEM
AFIPS CONF. PROC., VOL. 27, PT. I (NOV. 1965/FJCC) PP. 185-196.

1965 CORBATO, F. J. *** SEE VYSSOTSKY, V. A.

1972 CORBATO, F. J., J. H. SALTZER, AND C. T. CLINGEN
MULTICS--THE FIRST SEVEN YEARS
AFIPS CONF. PROC., VOL. 40 (MAY 1970/SJCC) PP. 571-583.

1974 CORWIN, W. *** SEE WULF, W.

1975 CORWIN, W. *** SEE LEVIN, R.

1971 COURTOIS, P. J., F. HEYMANS, AND D. L. PARNAS
CONCURRENT CONTROL WITH 'READERS' AND 'WRITERS'
COMM. ACM, VOL. 14 (OCT. 1971) PP. 667-668.

1970 CROCKER, S. D. *** SEE CARR, C. S.

1972 CROCKER, S. D., J. F. HEAFNER, R. M. METCALFE, AND J. B. POSTEL
FUNCTION-ORIENTED PROTOCOLS FOR THE ARPA COMPUTER NETWORK
AFIPS CONF. PROC., VOL. 40 (MAY 1972/SJCC) PP. 271-279.

1973 CROWTHER, W. R. *** SEE HEART, F. E.

1975 CROWTHER, W. R. *** SEE ORNSTEIN, S. M.

1966 DAHL, O.-J., AND K. NYGAARD
SIMULA--AN ALGOL-BASED SIMULATION LANGUAGE
COMM. ACM, VOL. 9 (SEPT 1966) PP. 671-678.

1973 DAHL, O.-J. *** SEE BIRTWISTLE, G. M.

1975 DAKIN, R. J.
A GENERAL CONTROL LANGUAGE= LANGUAGE STRUCTURE AND TRANSLATION
COMPUTER J., VOL. 18 (NOV. 1975) PP. 324-332.

1975 DALAL, Y. K.
MORE ON SELECTING SEQUENCE NUMBERS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 25-36.

1973 DALY, T. E., H. S. ED TSOU, J. L. LEWIS, AND M. E. HOLLOWICH
THE DESIGN AND VERIFICATION OF A SYNCHRONOUS EXECUTIVE
FOR A FAULT-TOLERANT SYSTEM
DIGEST INT. SYMP. ON FAULT-TOLERANT COMPUTING (JUNE 1973) PP. 3-9.

1975 DANTHINE, A. A. S., AND J. BREMER
COMMUNICATION PROTOCOLS IN A NETWORK CONTEXT
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 87-92.

1972 DAVIS, R. L., S. ZUCKER, AND C. M. CAMPBELL
A BUILDING BLOCK APPROACH TO MULTIPROCESSING
AFIPS CONF. PROC., VOL. 40 (1972/SJCC) PP. 685-703.

1977 DAVIS, W. S.
OPERATING SYSTEMS= A SYSTEMATIC VIEW
ADDISON-WESLEY, READING, MA (1977)

1975 DEJKA, W. J.
DISTRIBUTED-FUNCTION ARCHITECTURE--AN APPROACH TO COMBAT SYSTEM DESIGN
WHICH IS RESPONSIVE TO CHANGE
CIRCUITS AND SYSTEMS, VOL. 9, NO. - (AUG. 1975) PP. 8-11.

1976 DENNING, D. E.
A LATTICE MODEL OF SECURE INFORMATION FLOW
COMM. ACM, VOL. 19 (MAY 1976) PP. 236-243.

1972 DENNING, P. J. *** SEE GRAHAM, G. S.

1973 DENNING, P. J. *** SEE COFFMAN, E. G., JR.

1976 DENNING, P. J.
FAULT TOLERANT OPERATING SYSTEM
COMPUTING SURVEYS, VOL. 8 (DEC. 1976) PP. 359-389.

1977 DENNING, P. J. *** SEE ROSEN, S.

1966 DENNIS, J. B., AND E. C. VAN HORN
PROGRAMMING SEMANTICS FOR MULTIPROGRAMMED COMPUTATIONS
COMM. ACM, VOL. 9 (MARCH 1966) PP. 143-155.

1977 DENOIA, L. A.
DISTRIBUTED DATABASE ISSUES
NAVAL UNDERWATER SYSTEMS CENTER, TECH. MEMO NO. 771248 (DEC. 1977)

1975 DESJARDINS, P. *** SEE LECARME, O.

1977 DESOUSA, P. T., AND F. P. MATHUR
MODULAR REDUNDANCY WITHOUT VOTERS DECREASES COMPLEXITY OF RESTORING ORGAN
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 801-806.

1977 DEVILLERS, R.
GAME INTERPRETATION OF THE DEADLOCK AVOIDANCE PROBLEM
COMM. ACM, VOL. 20 (OCT. 1977) PP. 741-745.

1968 DIJKSTRA, E. W.
CO-OPERATING SEQUENTIAL PROCESSES
IN PROGRAMMING LANGUAGES, F. GENUYS, EDITOR
ACADEMIC PRESS, LONDON (1968) PP. 43-112.

1968 DIJKSTRA, E. W.
THE STRUCTURE OF THE 'THE'-MULTIPROGRAMMING SYSTEM
COMM. ACM, VOL. 11 (MAY 1968) PP. 341-346.

1971 DIJKSTRA, E. W.
HIERARCHICAL ORDERING OF SEQUENTIAL PROCESSES
IN OPERATING SYSTEMS TECHNIQUES, HOARE AND PERROTT, EDITORS
ACADEMIC PRESS, LONDON (1972) PP. 72-93.

1974 DIJKSTRA, E. W.
SELF-STABILIZING SYSTEMS IN SPITE OF DISTRIBUTED CONTROL
COMM. ACM, VOL. 17 (NOV. 1974) PP. 643-644.

1974 DONOVAN, J. J. *** SEE MADNICK, S. E.

1977 DURHAM, I. *** SEE JONES, A. K.

1978 ECKHOUSE, R. H., JR., AND J. A. STANKOVIC
ISSUES IN DISTRIBUTED PROCESSING - AN OVERVIEW OF TWO WORKSHOPS
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 22-26.

1975 EKANADHAM, K. *** SEE AKKOYUNLU, E. A.

1977 ELLIS, C. A.
A ROBUST ALGORITHM FOR UPDATING DUPLICATE DATABASES
PROC. SECOND BERKELEY WORKSHOP ON DISTRIBUTED DATA MANAGEMENT AND COMPUTER
NETWORKS, BERKELEY, CALIF. (MAY 1977) PP. 146-158.

1977 ELLIS, C. S. *** SEE BAER, JEAN-LOUP

1971 ELPHICK, M. J. *** SEE COFFMAN, E. G., JR.

1972 ENGLAND, D. M.
OPERATING SYSTEM OF SYSTEM 250
INT. SWITCHING SYMP. RECORD, CAMBRIDGE, MA (JUNE 1972) PP. 525-529.

1976 ENSLOW, P. H., JR.
WHAT DOES 'DISTRIBUTED PROCESSING' MEAN?
INFOTECH STATE OF THE ART REPORT ON DISTRIBUTED SYSTEMS (1976) PP. 257-272

1976 ENSLOW, P. H., JR., EDITOR
PROC. 1976 INTERNATIONAL CONF. ON PARALLEL PROCESSING,
IEEE CATALOG NO. 76CH1127-0C, NEW YORK, NY (AUG. 1976)

1977 ENSLOW, P. H., JR.
MULTIPROCESSOR ORGANIZATION--A SURVEY
COMPUTING SURVEYS, VOL. 9 (MARCH 1977) PP. 103-129.

1978 ENSLOW, P. H., JR.
WHAT IS A 'DISTRIBUTED' DATA PROCESSING SYSTEM?
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 13-21.

1976 ESWARAN, K. P., J. N. GRAY, R. A. LORIE, AND I. L. TRAIGER
THE NOTIONS OF CONSISTENCY AND PREDICATE LOCKS IN A DATABASE SYSTEM
COMM. ACM, VOL. 19 (NOV. 1976) PP. 624-

1974 FABER, U., AND J. P. MCALLISTER
A BIT SERIAL MICROPROCESSOR
PROC. IEEE INTERCON (1974)

1972 FARBER, D. J., AND K. C. LARSON
THE SYSTEM ARCHITECTURE OF THE DISTRIBUTED COMPUTER SYSTEM--
THE COMMUNICATIONS SYSTEM
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1972) PP. 21-27.

1972 FARBER, D. J., AND K. C. LARSON
THE STRUCTURE OF A DISTRIBUTED COMPUTING SYSTEM--SOFTWARE
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1972) PP. 539-545.

1973 FARBER, D. J., J. FELDMAN, F. R. HEINRICH, M. D. HOPWOOD, K. C. LARSON,
D. C. LOOMIS, AND L. A. ROWE
THE DISTRIBUTED COMPUTING SYSTEM
COMPCON '73 DIGEST (FEB. 1973) PP. 31-34.

1974 FARBER, D. J.
SOFTWARE CONSIDERATIONS IN DISTRIBUTED ARCHITECTURES
COMPUTER, VOL. 7, NO. 3 (MARCH 1974) PP. 31-35.

1975 FARBER, D. J. *** SEE MERLIN, P. M.

1974 FABRY, R. S.
CAPABILITY-BASED ADDRESSING
COMM. ACM, VOL. 17 (JULY 1974) PP. 403-412.

1977 FEILER, P. *** SEE JONES, A. K.

1973 FELDMAN, J. *** SEE FARBER, D. J.

1975 FENG, T., EDITOR
PARALLEL PROCESSING
SPRINGER-VERLAG, BERLIN (1975)

1977 FIRESTONE, R. M.
AN ANALYTIC MODEL FOR PARALLEL COMPUTATIONS
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 469-474.

1973 FIRSCHEIN, O. *** SEE FISCHLER, M. A.

1973 FISCHLER, M. A., AND O. FIRSCHEIN
A FAULT TOLERANT MULTIPROCESSOR ARCHITECTURE
FOR REAL-TIME CONTROL APPLICATIONS
PROC. SYMP. ON COMPUTER ARCHITECTURE (DEC. 1973) PP. 151-157.

1978 FISHER, D. A.
DOD'S COMMON PROGRAMMING LANGUAGE EFFORT
COMPUTER, VOL. 11, NO. 3 (MARCH 1978) PP. 24-33.

1976 FITZWATER, D. R.
THE FORMAL DESIGN AND ANALYSIS OF DISTRIBUTED DATA PROCESSING SYSTEMS
UNIV. WISCONSIN, COMPUTER SCIENCES TECH. REPORT NO. 279 (OCT. 1976)

1976 FLON, L. *** SEE HABERMANN, A. N.

1977 FORD, W. S., AND V. C. HAMACHER
LOW LEVEL ARCHITECTURE FEATURES FOR SUPPORTING PROCESS COMMUNICATION
COMPUTER J., VOL. 20 (MAY 1977) PP. 156-162.

1978 FORSDICK, H. C., R. E. SCHANTZ, AND R. H. THOMAS
OPERATING SYSTEMS FOR COMPUTER NETWORKS
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 48-57.

1969 FOX, C. E. *** SEE LINDE, R. R.

1972 FOX, J., EDITOR
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC
MICROWAVE RESEARCH INSTITUTE SYMPOSIA SERIES, VOL. XXII
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 4-6, 1972)

1976 FOX, J., EDITOR
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING
MICROWAVE RESEARCH INSTITUTE SYMPOSIA SERIES, VOL. XXIV
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 20-22, 1976)

1977 FRANTA, W. R., AND K. MALY
A FRAMEWORK FOR INVESTIGATING A CLASS OF DISTRIBUTED PROCESSING ALGORITHMS
IEEE TRANS. SYSTEMS, MAN, AND CYBERNETICS,
VOL. SMC-7 (AUG. 1977) PP. 597-604.

1977 FULLER, S. H. *** SEE SWAN, R. J.

1975 GAGLIARDI, U. O.
TRENDS IN COMPUTING-SYSTEM ARCHITECTURE
PROC. IEEE, VOL. 63 (JUNE 1975) PP. 858-862.

1972 GAINES, R. S.
AN OPERATING SYSTEM BASED ON THE CONCEPT OF A SUPERVISORY COMPUTER
COMM. ACM VOL. 15 (MARCH 1972) PP. 150-156

1974 GELENBE, E., AND C. KAISER
OPERATING SYSTEMS= PROC. INT. SYMP., ROCQUENCOURT (APRIL 23-25, 1974)
SPRINGER-VERLAG, BERLIN (1974)

1968 GENUYS, F., EDITOR
PROGRAMMING LANGUAGES
ACADEMIC PRESS, LONDON (1968)

1977 GERBER, A. J.
PROCESS SYNCHRONIZATION BY COUNTER VARIABLES
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 4 (OCT. 1977) PP. 6-17.

1958 GILL, S.
PARALLEL PROGRAMMING
COMPUTER J., VOL. 1 (APRIL 1958) PP. 2-10.

1971 GILLEY, G. C. *** SEE AVIZIENIS, A.

1972 GONZALEZ, M. J., JR., AND C. V. RAMAMOORTHY
PARALLEL TASK EXECUTION IN A DECENTRALIZED SYSTEM
IEEE TRANS. COMPUTERS, VOL. C-21 (DEC. 1972) PP. 1310-1322.

1978 GONZALEZ, M. J., JR.
FUTURE DIRECTIONS IN COMPUTER ARCHITECTURE
COMPUTER, VOL. 11, NO. 3 (MARCH 1978) PP. 54-62.

1971 GOOS, G.
SOME BASIC PRINCIPLES IN STRUCTURING OPERATING SYSTEMS
IN OPERATING SYSTEMS TECHNIQUES, HOARE AND PERROTT, EDITORS
ACADEMIC PRESS, LONDON (1972) PP. 94-100.

1972 GRAHAM, G. S., AND P. J. DENNING
PROTECTION--PRINCIPLES AND PRACTICE
AFIPS CONF. PROC., VOL. 40 (MAY 1972/SJCC) PP. 417-429.

1965 GRAHAM, R. M. *** SEE VYSSOTSKY, V. A.

1968 GRAHAM, R. M.
PROTECTION IN AN INFORMATION PROCESSING UTILITY
COMM. ACM, VOL. 11 (MAY 1968) PP. 365-369.

1976 GRAY, J. N. *** SEE ESWARAN, K. P.

1976 GREIF, I.
FORMAL PROBLEM SPECIFICATIONS FOR READERS AND WRITERS SCHEDULING
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1976) PP. 225-238.

1976 GRIES, D. *** SEE OWICKI, S.

1971 HABERMANN, A. N. *** SEE WULF, W. A.

1972 HABERMANN, A. N.
SYNCHRONIZATION OF COMMUNICATING PROCESSES
COMM. ACM, VOL. 15 (MARCH 1972) PP. 171-176.

1972 HABERMANN, A. N. *** SEE PARNAS, D. L.

1973 HABERMANN, A. N.
CRITICAL COMMENTS ON THE PROGRAMMING LANGUAGE PASCAL
ACTA INFORMATICA, VOL. 3 (1973) PP. 47-57.

1974 HABERMANN, A. N. *** SEE CAMPBELL, R. H.

1974 HABERMANN, A. N.
A NEW APPROACH TO AVOIDANCE OF SYSTEM DEADLOCKS
IN OPERATING SYSTEMS, GELENBE AND KAISER, EDS., SPRINGER-VERLAG,
BERLIN (1974) PP. 163-170.

1976 HABERMANN, A. N., L. FLON, AND L. COOPRIDER
MODULARIZATION AND HIERARCHY IN A FAMILY OF OPERATING SYSTEMS
COMM. ACM, VOL. 19 (MAY 1976) PP. 266-272.

1977 HADDON, B. K.
NESTED MONITOR CALLS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 4 (OCT. 1977) PP. 18-23.

1972 HALTON, D.
HARDWARE OF THE SYSTEM 250 FOR COMMUNICATION CONTROL
INT. SWITCHING SYMP. RECORD, CAMBRIDGE, MA (JUNE 1972) PP. 530-536.

1977 HAMACHER, V. C. *** SEE FORD, W. S.

1977 HAN, Y. W. *** SEE RAMAMOORTHY, C. V.

1976 HANDZEL, G. *** SEE PARNAS, D. L.

1970 HANSEN, P. B.
THE NUCLEUS OF A MULTIPROGRAMMING SYSTEM
COMM. ACM, VOL. 13 (APRIL 1970) PP. 238-241,250.

1972 HANSEN, P. B.
STRUCTURED MULTI-PROGRAMMING
COMM. ACM, VOL. 15 (JULY 1972) PP. 574-578.

1973 HANSEN, P. B.
OPERATING SYSTEM PRINCIPLES
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1973)

1973 HANSEN, P. B.
CONCURRENT PROGRAMMING CONCEPTS
COMPUTING SURVEYS, VOL. 5 (DEC. 1973) PP. 223-245.

1975 HANSEN, P. B.
THE PROGRAMMING LANGUAGE CONCURRENT PASCAL
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-1 (JUNE 1975) PP. 199-207.

1976 HANSEN, P. B.
THE SOLO OPERATING SYSTEM= A CONCURRENT PASCAL PROGRAM
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (JUNE 1976) PP. 141-149.

1976 HANSEN, P. B.
THE SOLO OPERATING SYSTEM= JOB INTERFACE
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (JUNE 1976) PP. 151-164.

1976 HANSEN, P. B.
THE SOLO OPERATING SYSTEM= PROCESSES, MONITORS, AND CLASSES
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (JUNE 1976) PP. 165-200.

1977 HANSEN, P. B.
THE ARCHITECTURE OF CONCURRENT PROGRAMS
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1977)

1977 HANSEN, P. B.
EXPERIENCE WITH MODULAR CONCURRENT PROGRAMMING
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-3 (MARCH 1977) PP. 156-159.

1975 HARRISON, M. A., W. L. RUZZO, AND J. D. ULLMAN
ON PROTECTION IN OPERATING SYSTEMS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 14-24.

1977 HARTMANN, A. C.
A CONCURRENT PASCAL COMPILER
SPRINGER-VERLAG, BERLIN (1977)

1977 HAYNES, L. S.
THE ARCHITECTURE OF AN ALGOL 60 COMPUTER IMPLEMENTED WITH DISTRIBUTED PROCESSORS
PROC. FOURTH ANNUAL SYMP. COMPUTER ARCHITECTURE, IEEE NO. 77CH1182-5C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 7 (MARCH 1977) PP. 95-104.

1972 HEAFNER, J. F. *** SEE CROCKER, S. D.

1973 HEART, F. E., S. M. ORNSTEIN, W. R. CROWTHER, AND W. B. BARKER
A NEW MINICOMPUTER/MULTIPROCESSOR FOR THE ARPA NETWORK
AFIPS CONF. PROC., VOL. 42 (JUNE 1973/NCC) PP. 529-537.

1975 HEART, F. E. *** SEE ORNSTEIN, S. M.

1976 HECHT, H.
FAULT-TOLERANT SOFTWARE: MOTIVATION AND CAPABILITIES
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1976) PP. 377-393.

1973 HEINRICH, F. R. *** SEE FARBER, D. J.

1975 HEINS, T. S. *** SEE KURZBAN, S.

1972 HENDERSON, D. A. *** SEE THOMAS, R. H.

1977 HENDERSON, P. B., AND Y. ZALCSTEIN
A GRAPH-THEORETIC CHARACTERIZATION OF THE PV-CHUNK CLASS OF SYNCHRONIZING PRIMITIVES
SIAM J. COMPUTING, VOL. 6 (MARCH 1977) PP. 88-108.

1976 HEWES, J. E. *** SEE CHANDY, K. M.

1971 HEYMANS, F. *** SEE COURTOIS, P. J.

1968 HIGGINS, A. N.
ERROR RECOVERY THROUGH PROGRAMMING
AFIPS CONF. PROC., VOL. 33, PT. I (DEC. 1968/FJCC) PP. 39-43.

1977 HO, G. S. *** SEE RAMAMOORTHY, C. V.

1971 HOARE, C. A. R.
TOWARDS A THEORY OF PARALLEL PROGRAMMING
IN OPERATING SYSTEMS TECHNIQUES, HOARE AND PERROTT, EDITORS
ACADEMIC PRESS, LONDON (1972) PP. 61-71.

1972 HOARE, C. A. R., AND R. H. PERROTT= EDITORS
OPERATING SYSTEMS TECHNIQUES= PROC. INT. SEMINAR HELD AT QUEEN'S
UNIVERSITY, BELFAST (30 AUG. - 3 SEPT. 1971)
ACADEMIC PRESS, LONDON (1972)

1973 HOARE, C. A. R., AND N. WIRTH
AN AXIOMATIC DEFINITION OF THE PROGRAMMING LANGUAGE PASCAL
ACTA INFORMATICA, VOL. 2 (1973) PP. 335-355.

1974 HOARE, C. A. R.
MONITORS= AN OPERATING SYSTEM STRUCTURING CONCEPT
COMM. ACM, VOL. 17 (OCT. 1974) PP. 549-557.

1967 HOKOM, R. A. *** SEE BURNETT, G. J.

1973 HOLLOWICH, M. E. *** SEE DALY, T. E.

1971 HOLT, R. C.
COMMENTS ON PREVENTION OF SYSTEM DEADLOCKS
COMM. ACM, VOL. 14 (JAN. 1971) PP. 36-38.

1972 HOLT, R. C.
SOME DEADLOCK PROPERTIES OF COMPUTER SYSTEMS
COMPUTING SURVEYS, VOL. 4 (SEPT 1972) PP. 179-196.

1971 HOPKINS, A. L., JR.
A FAULT-TOLERANT INFORMATION PROCESSING CONCEPT FOR SPACE VEHICLES
IEEE TRANS. COMPUTERS, VOL. C-20 (NOV. 1971) PP. 1394-1403.

1973 HOPWOOD, M. D. *** SEE FARBER, D. J.

1967 HORNBUCKLE, G. D.
A MULTIPROGRAMMING MONITOR FOR SMALL MACHINES
COMM. ACM, VOL. 10 (MAY 1967) PP.273-278.

1973 HORNING, J. J., AND B. RANDELL
PROCESS STRUCTURING
COMPUTING SURVEYS, VOL. 5 (MARCH 1973) PP. 5-30.

1974 HORNING, J. J., H. C. LAUER, P. M. MELLIAR-SMITH, AND B. RANDELL
A PROGRAM STRUCTURE FOR ERROR DETECTION AND RECOVERY
IN OPERATING SYSTEMS, GELENBE AND KAISER, EDS., SPRINGER-VERLAG,
BERLIN (1974) PP. 171-187.

1976 HOWARD, J. H.
PROVING MONITORS
COMM. ACM, VOL. 19 (MAY 1976) PP. 273-279.

1976 HOWARD, J. H.
SIGNALING IN MONITORS
PROC. SECOND INT. CONF. SOFTWARE ENGRG. (OCT. 1976) PP. 47-52.

1975 HUBER, R. V. *** SEE AKKOYUNLU, E. A.

1972 JACK, L. A. *** SEE THRUBER, K. J.

1975 JEFFERSON, D. *** SEE COHEN, E.

1975 JENNINGS, D. M. *** SEE PURSER, W. F. C.

1972 JENSEN, E. D. *** SEE THRUBER, K. J.

1975 JENSEN, E. D.
A DISTRIBUTED FUNCTION COMPUTER FOR REAL-TIME CONTROL
PROC. SECOND ANNUAL SYMP. ON COMPUTER ARCHITECTURE (JAN. 1975) PP. 176-182

1975 JENSEN, E. D. *** SEE ANDERSON, G. A.

1976 JENSEN, E. D.
DISTRIBUTED PROCESSING IN A REAL-TIME ENVIRONMENT
INFOTECH STATE OF THE ART REPORT ON DISTRIBUTED SYSTEMS (1976) PP. 303-318

1976 JENSEN, E. D., K. J. THURBER, AND G. M. SCHNEIDER
A REVIEW OF SYSTEMATIC METHODS IN DISTRIBUTED PROCESSOR INTERCONNECTION
IEEE INT. CONF. COMMUNICATIONS, PHILADELPHIA, PA (JUNE 1976)

1976 JENSEN, E. D., AND W. E. BOEBERT
PARTITIONING AND ASSIGNMENT OF DISTRIBUTED PROCESSING SOFTWARE
DIGEST OF PAPERS, FALL '76 COMPCON (SEPT. 1976) PP. 348-352.

1978 JENSEN, E. D.
THE HONEYWELL EXPERIMENTAL DISTRIBUTED PROCESSOR - AN OVERVIEW
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 28-38.

1974 JENSEN, K., AND N. WIRTH
PASCAL--USER MANUAL AND REPORT
SPRINGER-VERLAG, NEW YORK (1974)

1976 JESSEL, P. G. *** SEE CHEN, R. C.

1976 JOHNSON, J. N., AND J. L. SHAW
FAULT-TOLERANT SOFTWARE FOR A DUAL PROCESSOR WITH MONITOR
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1976) PP. 395-407.

1974 JOHNSON, M. D.
MICROPROCESSORS IN UNCONVENTIONAL ARCHITECTURES
PROC. EIGHT ASILOMAR CONF. CIRCUITS, SYSTEMS AND COMPUTERS, PACIFIC GROVE,
CALIF. (DEC. 1974) PP. 97-102.

1974 JONES, A. *** SEE WULF, W.

1975 JONES, A. K., AND R. J. LIPTON
THE ENFORCEMENT OF SECURITY POLICIES FOR COMPUTATION
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 197-206.

1977 JONES, A. K., R. J. CHANSLER, JR., I. DURHAM, P. FEILER, AND K. SCHWANS
SOFTWARE MANAGEMENT OF CM*--A DISTRIBUTED MULTIPROCESSOR
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 657-663.

1974 JOSEPH, E. C.
INNOVATIONS IN HETEROGENEOUS AND HOMOGENEOUS DISTRIBUTED-FUNCTION ARCHITECTURES
COMPUTER, VOL. 7, NO. 3 (MARCH 1974) PP. 17-24.

1974 KAHN, R. E. *** SEE CERF, V. G.

1974 KAISER, C. *** SEE GELENBE, E.

1977 KAMMERER, P.
EXCLUDING REGIONS
COMPUTER J., VOL. 20 (MAY 1977) PP. 128-131.

1977 KANODIA, R. K. *** SEE REED, D. P.

1977 KASTNER, M. P.
INFORMATION AND SIGNALING IN DECENTRALIZED DECISION PROBLEMS
HARVARD UNIVERSITY, DIV. APPL. SCIENCES, TECH. REPORT NO. 669 (SEPT 1977)

1973 KATZAN, H., JR.
OPERATING SYSTEMS= A PRAGMATIC APPROACH
VAN NOSTRAND REINHOLD, NEW YORK, NY (1973)

1976 KAUBISCH, W. H., R. H. PERROTT, AND C. A. R. HOARE
QUASIPARALLEL PROGRAMMING
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (1976) PP. 341-356.

1976 KELLER, R. M.
FORMAL VERIFICATION OF PARALLEL PROGRAMS
COMM. ACM, VOL. 19 (JULY 1976) PP. 371-384.

1977 KIEBURTZ, R. B. *** SEE SILBERSCHATZ, A.

1973 KING, P. F., AND A. J. COLLMEYER
DATABASE SHARING--AN EFFICIENT MECHANISM FOR SUPPORTING CONCURRENT PROCESSES
AFIPS CONF. PROC., VOL. 42 (JUNE 1973/NCC) PP. 271-275.

1972 KINNEY, L. L. *** SEE THURBER, K. J.

1977 KLAPPHOLZ, D. *** SEE SULLIVAN, H.

1974 KLINE, C. S. *** SEE POPEK, G. J.

1967 KOCZELA, L. J. *** SEE BURNETT, G. J.

1976 KRAKOWIAK, S., M. LUCAS, J. MONTUELLE, AND J. MOSSIERE
A MODULAR APPROACH TO THE STRUCTURED DESIGN OF OPERATING SYSTEMS
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING, POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1976) PP. 57-73.

1975 KRALEY, M. F. *** SEE ORNSTEIN, S. M.

1975 KURZBAN, S., T. S. HEINS, AND A. P. SAYERS
OPERATING SYSTEMS PRINCIPLES
PETROCELLI/CHARTER, NEW YORK, NY (1975)

1977 LAI, K.-W. *** SEE SWAN, R. J.

1974 LAMPORT, L.
THE PARALLEL EXECUTION OF DO LOOPS
COMM. ACM, VOL. 17 (FEB. 1974) PP. 83-93.

1974 LAMPORT, L.
A NEW SOLUTION OF DIJKSTRA'S CONCURRENT PROGRAMMING PROBLEM
COMM. ACM, VOL. 17 (AUG. 1974) PP. 453-455.

1977 LAMPORT, L.
CONCURRENT READING AND WRITING
COMM. ACM, VOL. 20 (NOV. 1977) PP. 806-811.

1969 LAMPSON, B. W.
DYNAMIC PROTECTION STRUCTURES
AFIPS CONF. PROC., VOL. 35 (NOV. 1969/FJCC) PP. 27-38.

1971 LAMPSON, B. W.
PROTECTION
PROC. FIFTH PRINCETON SYMP. ON INFORMATION SCIENCES AND SYSTEMS,
PRINCETON UNIVERSITY (MARCH 1971) PP. 437-443. ALSO REPRINTED IN
ACM OPERATING SYSTEMS REVIEW, VOL. 8, NO. 1 (JAN. 1974) PP. 18-24.

1973 LAMPSON, B. W.
A NOTE ON THE CONFINEMENT PROBLEM
COMM. ACM, VOL. 16 (OCT. 1973) PP. 613-615.

1976 LAMPSON, B. W., AND H. E. STURGIS
REFLECTIONS ON AN OPERATING SYSTEM DESIGN
COMM. ACM, VOL. 19 (MAY 1976) PP. 251-265.

1972 LARSON, K. C. *** SEE FARBER, D. J.

1973 LARSON, K. C. *** SEE FARBER, D. J.

1974 LAUER, H. C. *** SEE HORNING, J. J.

1975 LAWRIE, D. H., T. LAYMAN, D. BAER, AND J. M. RANDAL
GLYPNIR- A PROGRAMMING LANGUAGE FOR ILLIAC IV
COMM. ADM, VOL. 18 (MARCH 1975) PP. 157-164.

1974 LAY, W. M., D. L. MILLS, AND M. V. ZELKOWITZ
OPERATING SYSTEMS ARCHITECTURE FOR A DISTRIBUTED COMPUTER NETWORK
PROC. SYMPOSIUM ON COMPUTER NETWORKS= TRENDS AND APPLICATIONS,
GAITHERSBURG, MARYLAND (MAY 1974) PP. 39-43.

1975 LAYMAN, T. *** SEE LAWRIE, D. H.

1975 LECARME, O., AND P. DESJARDINS
MORE COMMENTS ON THE PROGRAMMING LANGUAGE PASCAL
ACTA INFORMATICA, VOL. 4 (1975) PP. 231-243.

1962 LEE, C. Y.
INTERCOMMUNICATING CELLS, BASIS FOR A DISTRIBUTED LOGIC COMPUTER
AFIPS CONF. PROC., VOL. 22 (1962/FJCC) PP. 130-136.

1966 LEHMAN, M.
A SURVEY OF PROBLEMS AND PRELIMINARY RESULTS CONCERNING PARALLEL PROCESSING AND PARALLEL PROCESSORS
PROC. IEEE, VOL. 54 (DEC. 1966) PP. 1889-1901.

1977 LEIVE, G. W. *** SEE BRANTLEY, W. C., JR.

1977 LEVIN, K. D. *** SEE MORGAN, H. L.

1974 LEVIN, R. *** SEE WULF, W.

1975 LEVIN, R. *** SEE WULF, W.

1975 LEVIN, R., E. COHEN, W. CORWIN, F. POLLACK, AND W. WULF
POLICY/MECHANISM SEPARATION IN HYDRA
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 132-140.

1977 LEVIN, R., J. MCQUILLAN, AND R. SCHANTZ
DISTRIBUTED SYSTEMS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 1 (JAN. 1977) PP. 14-19.

1977 LEVITT, K. N. *** SEE ROBINSON, L.

1973 LEWIS, J. L. *** SEE DALY, T. E.

1977 LEWIS, P. M. *** SEE ROSENKRANTZ, D. J.

1969 LINDE, R. R., C. WEISSMAN, AND C. E. FOX
THE ADEPT-50 TIME-SHARING SYSTEM
AFIPS CONF. PROC., VOL. 35 (NOV. 1969/FJCC) PP. 39-50.

1976 LINDEN, T. A.
OPERATING SYSTEM STRUCTURES TO SUPPORT SECURITY AND RELIABLE SOFTWARE
NBS TECT. NOTE NO. 919 (AUG. 1976) 51 PAGES.

1975 LIPNER, S. B.
A COMMENT ON THE CONFINEMENT PROBLEM
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 192-196.

1975 LIPTON, R. J *** SEE JONES, A. K.

1972 LISKOV, B. H.
A DESIGN METHODOLOGY FOR RELIABLE SOFTWARE SYSTEMS
AFIPS CONF. PROC., VOL. 41, PT. I (DEC. 1972/FJCC) PP. 191-199.

1976 LISTER, A. M., AND P. J. SAYER
HIERARCHICAL MONITORS
PROC. 1976 INT. CONF. ON PARALLEL PROCESSING, IEEE NO. 76CH1127-0C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 3 (AUG. 1976) PP. 43-49.

1976 LISTER, A. M., AND K. J. MAYNARD
AN IMPLEMENTATION OF MONITORS
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (SEPT 1976) PP. 377-385.

1977 LISTER, A.
THE PROBLEM OF NESTED MONITOR CALLS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 3 (JULY 1977) PP. 5-7.

1972 LISKOV, B. H.
THE DESIGN OF THE VENUS OPERATING SYSTEM
COMM. ACM, VOL. 15 (MARCH 1972) PP. 144-149.

1977 LIU, M. T., AND C. C. REAMES
MESSAGE COMMUNICATION PROTOCOL AND OPERATING SYSTEM DESIGN FOR THE DISTRIBUTED LOOP COMPUTER NETWORK (DLCN)
PROC. FOURTH ANNUAL SYMP. COMPUTER ARCHITECTURE, IEEE NO. 77CH1182-5C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 7 (MARCH 1977) PP. 193-200.

1977 LIU, M. T. *** SEE PARDO, R.

1977 LIU, M. T. *** SEE BABIC, G. A.

1977 LOHR, KLAUS-PETER
BEYOND CONCURRENT PASCAL
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 5 (NOV. 1977) PP. 173-180.

1977 LOMET, D. B.
PROCESS STRUCTURING, SYNCHRONIZATION, AND RECOVERY USING ATOMIC ACTIONS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977) PP. 128-137.

1973 LOOMIS, D. C. *** SEE FARBER, D. J.

1976 LORIE, R. A. *** SEE ESWARAN, K. P.

1972 LORIN, H.
PARALLELISM IN HARDWARE AND SOFTWARE
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1972)

1976 LUCAS, M. *** SEE KRAKOWIAK, S.

1977 LYCKLAMA, H.
UNIX ON A MICRO-PROCESSOR
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 237-242.

1974 MADNICK, S. E., AND J. J. DONOVAN
OPERATING SYSTEMS
MCGRAW-HILL, NEW YORK, NY (1974)

1976 MAHMOUD, S., AND J. S. RIORDON
OPTIMAL ALLOCATION OF RESOURCES IN DISTRIBUTED INFORMATION NETWORKS
ACM TRANS. DATABASE SYSTEMS, VOL. 1 (MARCH 1976) PP. 66-78.

1976 MAHMOUD, S., AND J. S. RIORDON
PROTOCOL CONSIDERATIONS FOR SOFTWARE CONTROLLED ACCESS METHODS IN DISTRIBUTED DATA BASES
PROC. INT. CONF. COMPUTER PERFORMANCE MODELING, MEASUREMENT AND EVALUATION
HARVARD UNIVERSITY, CAMBRIDGE, MA (MARCH 1976) PP. 241-264.

1977 MALY, K. *** SEE FRANTA, W. R.

1975 MANNING, E., AND R. W. PEEBLES
SEGMENT TRANSFER PROTOCOLS FOR A HOMOGENEOUS COMPUTER NETWORK
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 65-73.

1978 MANNING, E. *** SEE PEEBLES, R.

1978 MARYANSKI, F. J.
A SURVEY OF DEVELOPMENTS IN DISTRIBUTED DATA BASE MANAGEMENT SYSTEMS
COMPUTER, VOL. 11, NO. 2 (FEB. 1978) PP. 28-38.

1971 MATHUR, F. P. *** SEE AVIZIENIS, A.

1977 MATHUR, F. P. *** SEE DESOUSA, P. T.

1972 MAXWELL, W. L. *** SEE CONWAY, R. W.

1976 MAYNARD, K. J. *** SEE LISTER, A. M.

1974 MCALLISTER, J. P. *** SEE FABER, U.

1977 MCDANIEL, G.
METRIC= A KERNEL INSTRUMENTATION SYSTEM FOR DISTRIBUTED ENVIRONMENTS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 5 (NOV. 1977) PP. 93-99.

1977 MCGRAW, J. R *** SEE ANDREWS, G. R.

1975 MCQUILLAN, J. M. , AND D. C. WALDEN
SOME CONSIDERATIONS FOR A HIGH PERFORMANCE MESSAGE-BASED
INTERPROCESS COMMUNICATION SYSTEM
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 77-86.

1977 MCQUILLAN, J. *** SEE LEVIN, R.

1962 MCREYNOLDS, R. C. *** SEE SLOTNICK, D. L.

1973 MEALY, G. H.
THE SEARCH FOR A THIRD GENERATION OPERATING SYSTEM
HARVARD UNIVERSITY, CENTER FOR RESEARCH IN COMPUTING TECHNOLOGY
REPORT NO. 15-73 (NOV. 1973)

1974 MELLIAR-SMITH, P. M. *** SEE HORNING, J. J.

1977 MELLIAR-SMITH, P. M., AND B. RANDELL
SOFTWARE RELIABILITY= THE ROLE OF PROGRAMMED EXCEPTION HANDLING
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977) PP. 95-100.

1975 MERLIN, P. M., AND D. J. FARBER
RECOVERABILITY OF MODULAR SYSTEMS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 51-56.

1972 METCALFE, R. M.
STRATEGIES FOR INTERPROCESS COMMUNICATION IN A DISTRIBUTED COMPUTING
SYSTEM
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1972) PP. 519-526.

1972 METCALFE, R. M. *** SEE CROCKER, S. D.

1976 METCALFE, R. M., AND D. R. BOGGS
ETHERNET= DISTRIBUTED PACKET SWITCHING FOR LOCAL COMPUTER NETWORKS
COMM. ACM, VOL. 19 (JULY 1976) PP. 395-404.

1975 MICHEL, A. *** SEE ORNSTEIN, S. M.

1976 MILLEN, J. K.
SECURITY KERNEL VALIDATION IN PRACTICE
COMM. ACM, VOL. 19 (MAY 1976) PP. 243-250.

1973 MILLER, R. E.
A COMPARISON OF SOME THEORETICAL MODELS OF PARALLEL COMPUTATION
IEEE TRANS. COMPUTERS, VOL. C-22 (AUG. 1973) PP. 710-717.

1974 MILLS, D. L. *** SEE LAY, W. M.

1978 MOHAN, C.
SURVEY OF RECENT OPERATING SYSTEMS RESEARCH, DESIGNS AND IMPLEMENTATIONS
ACM OPERATING SYSTEMS REVIEW, VOL. 12, NO. 1 (JAN. 1978) PP. 53-89.

1977 MONTGOMERY, W. A.
MEASUREMENTS OF SHARING IN MULTICS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 5 (NOV. 1977) PP. 85-90.

1976 MONTUELLE, J. *** SEE KRAKOWIAK, S.

1974 MOORE, M. J.
A DISTRIBUTED MICRO PROCESSOR SYSTEM FOR AVIONICS
PROC. EIGTH ASILOMAR CONF. CIRCUITS, SYSTEMS AND COMPUTERS, PACIFIC GROVE, CALIF. (DEC. 1974) PP. 92-96.

1977 MORGAN, D. E., AND D. J. TAYLOR
A SURVEY OF METHODS OF ACHIEVING RELIABLE SOFTWARE
COMPUTER, VOL. 10, NO. 2 (FEB. 1977) PP. 44-53.

1972 MORGAN, H. L. *** SEE CONWAY, R. W.

1977 MORGAN, H. L., AND K. D. LEVIN.
OPTIMAL PROGRAM AND DATA LOCATIONS IN COMPUTER NETWORKS
COMM. ACM, VOL. 20 (MAY 1977) PP. 315-322.

1973 MORRIS, J. H., JR.
PROTECTION IN PROGRAMMING LANGUAGES
COMM. ACM, VOL. 16 (JAN. 1973) PP. 15-21.

1976 MOSSIERE, J. *** SEE KRAKOWIAK, S.

1977 MURATA, T.
PETRI NETS, MARKED GRAPHS, AND CIRCUIT-SYSTEM THEORY
CIRCUITS AND SYSTEMS, VOL. 11, NO. 3 (JUNE 1977) PP. 2-12.

1973 MYHRHAUG, B. *** SEE BIRTWISTLE, G. M.

1972 NEEDHAM, R. M.
PROTECTION SYSTEMS AND PROTECTION IMPLEMENTATIONS
AFIPS CONF. PROC., VOL. 41, PT. I (DEC. 1972/FJCC) PP. 571-578.

1977 NEUMANN, P. G. *** SEE ROBINSON, L.

1974 NILSEN, R. N.
DISTRIBUTED-FUNCTION COMPUTER ARCHITECTURES
COMPUTER, VOL. 7 , NO. 3 (MARCH 1974) PP. 15-16.

1973 NOE, J. D., AND G. J. NUTT
MACRO E-NETS FOR REPRESENTATION OF PARALLEL SYSTEMS
IEEE TRANS. COMPUTERS, VOL. C-22 (AUG. 1973) PP. 718-727.

1972 NUTT, G. J.
EVALUATION NETS FOR COMPUTER PERFORMANCE ANALYSIS
AFIPS CONF. PROC., VOL. 41, PT. I (DEC. 1972/FJCC) PP. 279-286.

1973 NUTT, G. J. *** SEE NOE, J. D.

1977 NUTT, G. J.
MICROPROCESSOR IMPLEMENTATION OF A PARALLEL PROCESSOR
PROC. FOURTH ANNUAL SYMP. COMPUTER ARCHITECTURE, IEEE NO. 77CH1182-5C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 7 (MARCH 1977) PP. 147-152.

1977 NUTT, G. J.
A PARALLEL PROCESSOR OPERATING SYSTEM COMPARISON
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-3 (NOV. 1977) PP. 467-475.

1966 NYGAARD, K. *** SEE DAHL, O.-J.

1973 NYGAARD, K. *** SEE BIRTWISTLE, G. M.

1977 OLDEHOEFT, A. E. *** SEE SWEET, A. F.

1965 OPLER, A.
PROCEDURE-ORIENTED LANGUAGE STATEMENTS TO FACILITATE PARALLEL PROCESSING
COMM. ACM, VOL. 8 (MAY 1965) PP. 306-307.

1968 OPPENHEIMER, G., AND K. P. CLANCY
CONSIDERATIONS FOR SOFTWARE PROTECTION AND RECOVERY FROM HARDWARE FAILURES
IN A MULTIACCESS, MULTIPROGRAMMING, SINGLE PROCESSOR SYSTEM
AFIPS CONF. PROC., VOL. 33, PT. I (DEC. 1968/FJCC) PP. 29-37.

1972 ORGANICK, E. I.
THE MULTICS SYSTEM= AN EXAMINATION OF ITS STRUCTURE
MIT PRESS, CAMBRIDGE, MA (1972)

1973 ORNSTEIN, S. M. *** SEE HEART, F. E.

1975 ORNSTEIN, S. M., W. R. CROWTHER, M. F. KRALEY, R. D. BRESSLER, A. MICHEL,
AND F. E. HEART
PLURIBUS--A RELIABLE MULTIPROCESSOR
AFIPS CONF. PROC., VOL. 44 (1975/NCC) PP. 551-559.

1977 OUSTERHOUT, J. K. *** SEE SWAN, R. J.

1976 OWICKI, S., AND D. GRIES
VERIFYING PROPERTIES OF PARALLEL PROGRAMS= AN AXIOMATIC APPROACH
COMM. ACM, VOL. 19 (MAY 1976) PP. 279-285.

1977 PARDO, R., M. T. LIU, AND G. A. BABIC
DISTRIBUTED SERVICES IN COMPUTER NETWORKS= DESIGNING THE DISTRIBUTED LOOP DATA BASE SYSTEM (DLDBS)
PROC. COMPUTER NETWORKING SYMP., GAITHERSBURG, MD (DEC. 1977) PP. 60-65.

1977 PARDO, R. *** SEE BABIC, G. A.

1971 PARNAS, D. L. ***SEE COURTOIS, P. J.

1972 PARNAS, D. L., AND A. N. HABERMANN
COMMENT ON DEADLOCK PREVENTION METHOD
COMM. ACM, VOL. 15 (SEPT. 1972) PP. 840-841.

1972 PARNAS, D. L.
ON THE CRITERIA TO BE USED IN DECOMPOSING SYSTEMS INTO MODULES
COMM. ACM, VOL. 15 (DEC. 1972) PP. 1053-1058.

1976 PARNAS, D. L., G. HANDZEL, AND H. WURGES
DESIGN AND SPECIFICATION OF THE MINIMAL SUBSET OF AN OPERATING SYSTEM FAMILY
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-2 (DEC. 1976) PP. 301-307.

1978 PARNAS, D. L.
THE NON-PROBLEM OF NESTED MONITOR CALLS
ACM OPERATING SYSTEMS REVIEW, VOL. 12, NO. 1 (JAN. 1978) PP. 12-15.

1976 PATTERSON, R. A. *** SEE CHEN, R. C.

1972 PATTON, P. C. *** SEE THURBER, K. J.

1975 PEEBLES, R. W. *** SEE MANNING, E.

1978 PEEBLES, R., AND E. MANNING
SYSTEM ARCHITECTURE FOR DISTRIBUTED DATA MANAGEMENT
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 40-47.

197M PETERSON, J. L.
PETRI NETS
COMPUTING SURVEYS, VOL. 9 (SEPT. 1977) PP. 223-252.

1974 PIERSON, C. *** SEE WULF, W.

1975 PIERSON, C. *** SEE WULF, W.

1977 POHLE, W. L.
SPL/I-GP EXEC FEASIBILITY DEMONSTRATION FOR AN ADVANCED SIGNAL PROCESSOR
NAVAL AIR DEVELOPMENT CENTER, WARMINSTER, PA
REPORT NO. NADC-78022-50 (1 OCT. 1977)

1974 POLLACK, F. *** SEE WULF, W.

1975 POLLACK, F. *** SEE LEVIN, R.

1974 POPEK, G. J., AND C. S. KLINE
VERIFIABLE SECURE OPERATING SYSTEM SOFTWARE
AFIPS CONF. PROC., VOL. 43 (MAY 1974/NCC) PP. 145-151.

1974 POPEK, G. J.
PROTECTION STRUCTURES
COMPUTER, VOL. 7, NO. 6 (JUNE 1974) PP. 22-33.

1975 POPEK, G. J.
ON DATA SECURE COMPUTER NETWORKS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 59-62.

1972 POSTEL, J. B. *** SEE CROCKER, S. D.

1975 PURSER, W. F. C., AND D. M. JENNINGS
THE DESIGN OF A REAL-TIME OPERATING SYSTEM FOR A MINICOMPUTER, PART I
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 5 (JUNE 1975) PP. 147-167.

1976 PURSER, W. F. C.
THE DESIGN OF A REAL-TIME OPERATING SYSTEM FOR A MINICOMPUTER, PART II
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (SEPT 1976) PP. 327-340.

1972 RAMAMOORTHY, C. V. *** SEE CHANDY, K. M.

1972 RAMAMOORTHY, C. V. *** SEE GONZALEZ, M. J., JR.

1977 RAMAMOORTHY, C. V., G. S. HO, AND Y. W. HAN
FAULT TREE ANALYSIS OF COMPUTER SYSTEMS
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 13-17.

1975 RANDAL, J. M. *** SEE LAWRIE, D. H.

1973 RANDELL, B. *** SEE HORNING, J. J.

1974 RANDELL, B. *** SEE HORNING, J. J.

1975 RANDELL, B.
SYSTEM STRUCTURE FOR SOFTWARE FAULT TOLERANCE
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-1 (JUNE 1975) PP. 220-232.

1977 RANDELL, B. *** SEE MELLIAR-SMITH, P. M.

1976 RAVI, C. V.
THE STRUCTURE AND CHARACTERISTICS OF DISTRIBUTED SYSTEMS
PROC. 2-ND INT. CONF. SOFTWARE ENGRG., SAN FRANCISCO (OCT. 1976) PP. 133-7

1977 REAMES, C. C. *** SEE LIU, M. T.

1977 REED, D. P., AND R. K. KANODIA
SYNCHRONIZATION WITH EVENTCOUNTS AND SEQUENCERS (EXTENDED ABSTRACT)
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 5 (NOV. 1977) P. 91.

1971 RENNELS, D. A. *** SEE AVIZIENIS, A.

1971 RIDDLE, W. E. *** SEE SAAL, H. J.

1976 RIORDON, J. S. *** SEE MAHMOUD, S.

1974 RITCHIE, D. M., AND K. THOMPSON
THE UNIX TIME-SHARING SYSTEM
COMM. ACM, VOL. 17 (JULY 1974) PP. 365-375.

1977 ROBINSON, L., K. N. LEVITT, P. G. NEUMANN, AND A. R. SAXENA
A FORMAL METHODOLOGY FOR THE DESIGN OF OPERATING SYSTEM SOFTWARE
IN CURRENT TRENDS IN PROGRAMMING METHODOLOGY, VOL. I, R. T. YEH, EDITOR
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1977) PP. 61-110.

1971 ROHR, J. A. *** SEE AVIZIENIS, A.

1977 ROSEN, S., GENERAL CHAIRMAN, AND P. J. DENNING, PROGRAM CHAIRMAN
PROC. SIXTH SYMP. ON OPERATING SYSTEMS PRINCIPLES
PURDUE UNIVERSITY, WEST LAFAYETTE, IN (NOV. 16-18, 1977)
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 5 (SPECIAL ISSUE)

1969 ROSENFELD, J. L.
A CASE STUDY IN PROGRAMMING FOR PARALLEL-PROCESSORS
COMM. ACM, VOL. 12 (DEC. 1969) PP. 645-655.

1977 ROSENKRANTZ, D. J., R. E. STEARNS, AND P. M. LEWIS
A SYSTEM LEVEL CONCURRENCY CONTROL FOR DISTRIBUTED DATABASE SYSTEMS
PROC. SECOND BERKELEY WORKSHOP ON DISTRIBUTED DATA MANAGEMENT AND COMPUTER
NETWORKS, BERKELEY, CALIF. (MAY 1977) PP. 132-145.

1976 ROTHMULLER, K.
TASK PARTITIONING IN PROGRAMMABLE LOGIC SYSTEMS
COMPUTER, VOL. 9, NO. 1 (JAN. 1976) PP. 19-24.

1973 ROWE, L. A. *** SEE FARBER, D. J.

1971 RUBIN, D. K. *** SEE AVIZIENIS, A.

1971 RUSSEL, D. B. *** SEE WULF, W. A.

1975 RUSSELL, D. L., AND T. H. BREDT
ERROR RESYNCHRONIZATION IN PRODUCER-CONSUMER SYSTEMS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 106-113.

1977 RUSSO, P. M.
INTERPROCESSOR COMMUNICATION FOR MULTI-MICROCOMPUTER SYSTEMS
COMPUTER, VOL. 10, NO. 4 (APRIL 1977) PP. 67-76.

1975 RUZZO, W. L. *** SEE HARRISON, M. A.

1971 SAAL, H. J., AND W. E. RIDDLE
COMMUNICATING SEMAPHORES
STANFORD UNIVERSITY, COMPUTER SCIENCE DEPT.
REPORT NO. STAN-CS-71-202 (FEB. 1971)

1972 SALTZER, J. H. *** SEE CORBATO, F. J.

1972 SALTZER, J. H. *** SEE SCHROEDER, M. D.

1974 SALTZER, J. H.
PROTECTION AND THE CONTROL OF INFORMATION SHARING IN MULTICS
COMM. ACM, VOL. 17 (JULY 1974) PP. 388-402.

1975 SALTZER, J. H., AND M. D. SCHROEDER
THE PROTECTION OF INFORMATION IN COMPUTER SYSTEMS
PROC. IEEE, VOL. 63 (SEPT 1975) PP. 1278-1308.

1978 SALTZER, J. H.
RESEARCH PROBLEMS OF DECENTRALIZED SYSTEMS WITH LARGELY AUTONOMOUS NODES
ACM OPERATING SYSTEMS REVIEW, VOL. 12, NO. 1 (JAN. 1978) PP. 43-52.

1976 SAXENA, A. R., AND T. H. BREDT
VERIFICATION OF A MONITOR SPECIFICATION
PROC. SECOND INT. CONF. SOFTWARE ENGRG. (OCT. 1976) PP. 53-59.

1977 SAXENA, A. R. *** SEE ROBINSON, L.

1976 SAYER, P. J. *** SEE LISTER, A. M.

1975 SAYERS, A. P. *** SEE KURZBAN, S.

1972 SCHANTZ, R. *** SEE AKKOYUNLU, E.

1974 SCHANTZ, R. *** SEE AKKOYUNLU, E.

1977 SCHANTZ, R. *** SEE LEVIN, R.

1978 SCHANTZ, R. E. *** SEE FORSDICK, H. C.

1976 SCHNEIDER, G. M. *** SEE JENSEN, E. D.

1977 SCHOUTE, F. C.
DECENTRALIZED CONTROL IN COMPUTER COMMUNICATIONS
HARVARD UNIV., DIV. ENGRG. APPL. PHYSICS, TECH. REPORT NO. 667 (APR. 1977)

1972 SCHROEDER, M. D., AND J. H. SALTZER
A HARDWARE ARCHITECTURE FOR IMPLEMENTING PROTECTION RINGS
COMM. ACM, VOL. 15 (MARCH 1972) PP. 157-170.

1975 SCHROEDER, M. D.
ENGINEERING A SECURITY KERNEL FOR MULTICS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 25-

1975 SCHROEDER, M. D. *** SEE SALTZER, J. H.

1977 SCHWANS, K. *** SEE JONES, A. K.

1974 SHAW, A. C.
THE LOGICAL DESIGN OF OPERATING SYSTEMS
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1974)

1976 SHAW, J. L. *** SEE JOHNSON, J. N.

1977 SHELNESS, N. *** SEE CASEY, L.

1969 SHOSHANI, A., AND A. J. BERNSTEIN
SYNCHRONIZATION IN A PARALLEL-ACCESSED DATA BASE
COMM. ACM, VOL. 12 (NOV. 1969) PP. 604-607.

1971 SHOSHANI, A. *** SEE COFFMAN, E. G., JR.

1975 SHRIVASTAVA, S. K.
A VIEW OF CONCURRENT PROCESS SYNCHRONISATION
COMPUTER J., VOL. 18 (NOV. 1975) PP. 375-379.

1975 SIEGEL, P. *** SEE BERNSTEIN, A. J.

1977 SIEWIOREK, D. P. *** SEE BRANTLEY, W. C., JR.

1977 SIEWIOREK, D. P. *** SEE SWAN, R. J.

1977 SILBERSCHATZ, A., R. B. KIEBURTZ, AND A. J. BERNSTEIN
EXTENDING CONCURRENT PASCAL TO ALLOW DYNAMIC RESOURCE MANAGEMENT
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-3 (MAY 1977) PP. 210-217.

1962 SLOTNICK, D. L., W. C. BORCK, AND R. C. MCREYNOLDS
THE SOLOMON COMPUTER
AFIPS CONF. PROC., VOL. 22 (1962/FJCC) PP. 97-107.

1977 SPILLMAN, R. J. *** SEE SU, S. Y. H.

1977 STANKOVIC, J., AND A. VAN DAM
THE DISTRIBUTED PROCESSING WORKSHOP (SECOND WORKSHOP, AUGUST 3-5, 1977)
BROWN UNIVERSITY, TECH. REPORT NO. CS-32 (AUG. 1977)

1978 STANKOVIC, J. *** SEE VAN DAM, A.

1978 STANKOVIC, J. A. *** SEE ECKHOUSE, R. H., JR.

1977 STEARNS, R. E. *** SEE ROSENKRANTZ, D. J.

1977 STONE, H. S.
MULTIPROCESSOR SCHEDULING WITH THE AID OF NETWORK FLOW ALGORITHMS
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-3 (JAN. 1977) PP. 85-93.

1976 STURGIS, H. E. *** SEE LAMPSON, B. W.

1977 SU, S. Y. H., AND R. J. SPILLMAN
AN OVERVIEW OF FAULT-TOLERANT DIGITAL SYSTEM ARCHITECTURE
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 19-26.

1977 SULLIVAN, H., AND T. R. BASHKOW
A LARGE SCALE, HOMOGENEOUS, FULLY DISTRIBUTED PARALLEL MACHINE, I
PROC. FOURTH ANNUAL SYMP. COMPUTER ARCHITECTURE, IEEE NO. 77CH1182-5C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 7 (MARCH 1977) PP. 105-117.

1977 SULLIVAN, H., T. R. BASHKOW, AND D. KLAPPHOLZ
A LARGE SCALE, HOMOGENEOUS, FULLY DISTRIBUTED PARALLEL MACHINE, II
PROC. FOURTH ANNUAL SYMP. COMPUTER ARCHITECTURE, IEEE NO. 77CH1182-5C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 7 (MARCH 1977) PP. 118-124.

1977 SWAN, R. J., S. H. FULLER, AND D. P. SIEWIOREK
CM*--A MODULAR, MULTI-MICROPROCESSOR
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 637-644.

1977 SWAN, R. J., A. BECHTOLSHEIM, K.-W. LAI, AND J. K. OUSTERHOUT
THE IMPLEMENTATION OF THE CM* MULTI-MICROPROCESSOR
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 645-655.

1977 SWEET, A. F., AND A. E. OLDEHOEFT
AUTOMATED CONTROL OF CONCURRENCY IN MULTI-USER HIERARCHICAL
INFORMATION SYSTEMS
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 907-918.

1977 TAYLOR, D. J. *** SEE MORGAN, D. E.

1972 THOMAS, R. H., AND D. A. HENDERSON
MCROSS--A MULTI-COMPUTER PROGRAMMING SYSTEM
AFIPS CONF. PROC., VOL. 40 (MAY 1972/SJCC) PP. 281-293.

1973 THOMAS, R. H.
A RESOURCE SHARING EXECUTIVE FOR THE ARPANET
AFIPS CONF. PROC., VOL. 42 (JUNE 1973/NCC) PP. 155-163.

1978 THOMAS, R. H. *** SEE FORSDICK, H. C.

1974 THOMPSON, K. *** SEE RITCHIE, D. M.

1972 THURBER, K. J., E. D. JENSEN, L. A. JACK, L. L KINNEY, P. C. PATTON,
AND L. C. ANDERSON
A SYSTEMATIC APPROACH TO THE DESIGN OF A DIGITAL BUSSING STRUCTURE
AFIPS CONF. PROC., VOL. 41, PT. II (DEC. 1972/FJCC) PP. 719-740.

1976 THURBER, K. J. *** SEE JENSEN, E. D.

1976 TJADEN, G. S.
HIERARCHICAL PROPERTIES OF CONCURRENCY
PROC. 1976 INT. CONF. ON PARALLEL PROCESSING, IEEE NO. 76CH1127-0C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 3 (AUG. 1976) PP. 55-64.

1975 TOMLINSON, R. S.
SELECTING SEQUENCE NUMBERS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 11-23.

1976 TRAIGER, I. L. *** SEE ESWARAN, K. P.

1974 TSICHRITZIS, D. C., AND P. A. BERNSTEIN
OPERATING SYSTEMS
ACADEMIC PRESS, NEW YORK, NY (1974)

1973 TSOU, H. S. ED *** SEE DALY, T. E.

1976 TUFFS, D. E. *** SEE BRUNT, R. F.

1975 ULLMAN, J. D. *** SEE HARRISON, M. A.

1976 VAN DAM, A., ET AL
DISTRIBUTED PROCESSING WORKSHOP TRANSCRIPT, PART I
BROWN UNIVERSITY (FIRST WORKSHOP, AUGUST 17-19, 1976)
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 5 (DEC. 1976) PP. 10-28.

1976 VAN DAM, A., ET AL
DISTRIBUTED PROCESSING WORKSHOP TRANSCRIPT, PART II
FIRST BROWN UNIVERSITY WORKSHOP (AUGUST 17-19, 1976)
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 6 (FEB. 1977) PP. 8-24.

1977 VAN DAM, A. *** SEE STANKOVIC, J.

1978 VAN DAM, A., AND J. STANKOVIC
DISTRIBUTED PROCESSING= GUEST EDITOR'S INTRODUCTION
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 10-11.

1966 VAN HORN, E. C. *** SEE DENNIS, J. B.

1965 VYSSOTSKY, V. A. *** SEE CORBATO, F. J.

1965 VYSSOTSKY, V. A., F. J. CORBATO, AND R. M. GRAHAM
STRUCTURE OF THE MULTICS SUPERVISOR
AFIPS CONF. PROC., VOL. 27, PT. I (NOV. 1965/FJCC) PP. 203-212.

1972 WALDEN, D. C.
A SYSTEM FOR INTERPROCESS COMMUNICATION IN A RESOURCE SHARING
COMPUTER NETWORK
COMM. ACM, VOL. 15 (APRIL 1972) PP. 221-230.

1975 WALDEN, D. C. *** SEE MCQUILLAN, J. M.

1977 WALLACH, Y.
SCHEDULING ALGORITHMS FOR CONCURRENT EXECUTION
COMPUTER J., VOL. 20 (MAY 1977) PP. 132-136.

1973 WALTHER, W.
MULTIPROCESSOR SELF DIAGNOSIS, SURGERY, AND RECOVERY IN
AIR TERMINAL TRAFFIC CONTROL
CHECK DIGEST INT. SYMP. ON FAULT-TOLERANT COMPUTING (JUNE 1973) PP. 38-43.

1976 WEGNER, P.
PROGRAMMING LANGUAGES--THE FIRST 25 YEARS
IEEE TRANS. COMPUTERS, VOL. C-25 (DEC. 1976) PP. 1207-1225.

1969 WEISSMAN, C.
SECURITY CONTROLS IN THE ADEPT-50 TIME-SHARING SYSTEM
AFIPS CONF. PROC., VOL. 35 (NOV. 1969/FJCC) PP. 119-133.

1969 WEISSMAN, C. *** SEE LINDE, R. R.

1972 WENSLEY, J. H.
SIFT-SOFTWARE IMPLEMENTED FAULT TOLERANCE
AFIPS CONF. PROC., VOL. 41, PT. I (DEC. 1972/FJCC) PP.243-253.

1977 WETTSTEIN, H.
THE IMPLEMENTATION OF SYNCHRONIZING OPERATIONS IN VARIOUS ENVIRONMENTS
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 7 (FEB. 1977) PP. 115-126.

1978 WETTSTEIN, H.
THE PROBLEM OF NESTED MONITOR CALLS REVISITED
ACM OPERATING SYSTEMS REVIEW, VOL. 12, NO. 1 (JAN. 1978) PP. 19-23.

1969 WIRTH, N.
ON MULTIPROGRAMMING, MACHINE CODING, AND COMPUTER ORGANIZATION
COMM. ACM, VOL. 12 (SEPT. 1969) PP. 489-498.

1971 WIRTH, N.
THE PROGRAMMING LANGUAGE PASCAL
ACTA INFORMATICA, VOL. 1 (1971) PP. 35-63.

1973 WIRTH, N. *** SEE HOARE, C. A. R.

1974 WIRTH, N. *** SEE JENSEN, K.

1975 WIRTH, N.
AN ASSESSMENT OF THE PROGRAMMING LANGUAGE PASCAL
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-1 (JUNE 1975) PP. 192-198.

1977 WORTMAN, D. B., EDITOR
PROC. ACM CONF. ON LANGUAGE DESIGN FOR RELIABLE SOFTWARE
SHERATON-CRABTREE INN, RALEIGH, NC (MARCH 28-30, 1977)
ACM SIGPLAN NOTICES, VOL. 12, NO. 3 (MARCH 1977)
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977)
ACM SOFTWARE ENGRG. NOTES, VOL. 2, NO. 2 (MARCH 1977)

1971 WULF, W. A., D. B. RUSSELL, AND A. N. HABERMANN
BLISS= A LANGUAGE FOR SYSTEMS PROGRAMMING
COMM. ACM, VOL. 14 (DEC. 1971) PP. 780-790.

1972 WULF, W. A., AND C. G. BELL
C.MMP--A MULTI-MINI-PROCESSOR
AFIPS CONF. PROC., VOL. 41, PT. II (DEC. 1972/FJCC) PP. 765-777.

1972 WULF, W. A.
SYSTEMS FOR SYSTEM IMPLEMENTORS--SOME EXPERIENCES FROM BLISS
AFIPS CONF. PROC., VOL. 41, PT. II (DEC. 1972/FJCC) PP. 943-948.

1974 WULF, W., E. COHEN, W. CORWIN, A. JONES, R. LEVIN, C. PIERSON + F. POLLACK
HYDRA=THE KERNEL OF A MULTIPROCESSOR OPERATING SYSTEM
COMM. ACM, VOL. 17 (JUNE 1974) PP. 337-345

1975 WULF, W. A.
RELIABLE HARDWARE/SOFTWARE ARCHITECTURE
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-1 (JUNE 1975) PP. 233-240.

1975 WULF, W., R. LEVIN, AND C. PIERSON
OVERVIEW OF THE HYDRA OPERATING SYSTEM DEVELOPMENT
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 122-131.

1975 WULF, W. *** SEE LEVIN, R.

1976 WURGES, H. *** SEE PARNAS, D. L.

1977 YEH, R. T., EDITOR
CURRENT TRENDS IN PROGRAMMING METHODOLOGY, VOL. I
SOFTWARE SPECIFICATION AND DESIGN
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1977)

1977 ZALCSTEIN, Y *** SEE HENDERSON, P. B.

1976 ZAVE, P.
ON THE FORMAL DEFINITION OF PROCESSES
PROC. 1976 INT. CONF. ON PARALLEL PROCESSING, IEEE NO. 76CH1127-0C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 3 (AUG. 1976) PP. 35-42.

1974 ZELKOWITZ, M. V. *** SEE LAY, W. M.

1974 ZELKOWITZ, M. V.
STRUCTURED OPERATING SYSTEM ORGANIZATION
INFORMATION PROCESSING LETTERS, VOL. 3, NO. 2 (NOV. 1974) PP. 39-42.

1972 ZUCKER, S. *** SEE DAVIS, R. L.

****

**** THE FOLLOWING REFERENCES ARE TO BOOKS AND OTHER COLLECTED WORKS=

1968 GENUYS, F., EDITOR
PROGRAMMING LANGUAGES
ACADEMIC PRESS, LONDON (1968)

1971 COLIN, A. J. T.
INTRODUCTION TO OPERATING SYSTEMS
AMERICAN ELSEVIER, NEW YORK, NY (1971)

1971 COMTRE CORP.
OPERATING SYSTEMS SURVEY
AUERBACH PUBLISHERS, PRINCETON, NJ (1971)

1972 FOX, J., EDITOR
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC
MICROWAVE RESEARCH INSTITUTE SYMPOSIA SERIES, VOL. XXII
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 4-6, 1972)

1972 HOARE, C. A. R., AND R. H. PERROTT= EDITORS
OPERATING SYSTEMS TECHNIQUES= PROC. INT. SEMINAR HELD AT QUEEN'S
UNIVERSITY, BELFAST (30 AUG. - 3 SEPT. 1971)
ACADEMIC PRESS, LONDON (1972)

1972 LORIN, H.
PARALLELISM IN HARDWARE AND SOFTWARE
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1972)

1972 ORGANICK, E. I.
THE MULTICS SYSTEM= AN EXAMINATION OF ITS STRUCTURE
MIT PRESS, CAMBRIDGE, MA (1972)

1973 BIRTWISTLE, G. M., O.-J. DAHL, B. MYHRHAUG, AND K. NYGAARD
SIMULA BEGIN
AUERBACH PUBLISHERS, PHILADELPHIA, PA (1973)

1973 COFFMAN, E. G., JR., AND P. J. DENNING
OPERATING SYSTEMS THEORY
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1973)

1973 HANSEN, P. B.
OPERATING SYSTEM PRINCIPLES
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1973)

1973 KATZAN, H., JR.
OPERATING SYSTEMS= A PRAGMATIC APPROACH
VAN NOSTRAND REINHOLD, NEW YORK, NY (1973)

1974 GELENBE, E., AND C. KAISER
OPERATING SYSTEMS= PROC. INT. SYMP., ROCQUENCOURT (APRIL 23-25, 1974)
SPRINGER-VERLAG, BERLIN (1974)

1974 JENSEN, K., AND N. WIRTH
PASCAL--USER MANUAL AND REPORT
SPRINGER-VERLAG, NEW YORK (1974)

1974 MADNICK, S. E., AND J. J. DONOVAN
OPERATING SYSTEMS
MCGRAW-HILL, NEW YORK, NY (1974)

1974 SHAW, A. C.
THE LOGICAL DESIGN OF OPERATING SYSTEMS
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1974)

1974 TSICHRITZIS, D. C., AND P. A. BERNSTEIN
OPERATING SYSTEMS
ACADEMIC PRESS, NEW YORK, NY (1974)

1975 BROWNE, J. C., GENERAL CHAIRMAN AND PROGRAM COMMITTEE CO-CHAIRMAN
PROC. FIFTH SYMP. ON OPERATING SYSTEMS PRINCIPLES
UNIVERSITY OF TEXAS, AUSTIN TX (NOV. 19-21, 1975)
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (SPECIAL ISSUE)

1975 CHU, W. W., WORKSHOP CHAIRMAN
PROC. ACM SIGCOMM/SIGOPS INTERPROCESS COMMUNICATIONS WORKSHOP
SANTA MONICA, CALIF. (MARCH 24-25, 1975)
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (JULY 1975)

1975 FENG, T., EDITOR
PARALLEL PROCESSING
SPRINGER-VERLAG, BERLIN (1975)

1975 KURZBAN, S., T. S. HEINS, AND A. P. SAYERS
OPERATING SYSTEMS PRINCIPLES
PETROCELLI/CHARTER, NEW YORK, NY (1975)

1976 ENSLOW, P. H., JR., EDITOR
PROC. 1976 INTERNATIONAL CONF. ON PARALLEL PROCESSING,
IEEE CATALOG NO. 76CH1127-0C, NEW YORK, NY (AUG. 1976)

1976 FOX, J., EDITOR
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING
MICROWAVE RESEARCH INSTITUTE SYMPOSIA SERIES, VOL. XXIV
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 20-22, 1976)

1977 AUSTIN, D. M., GENERAL CHAIRMAN
PROC. SECOND BERKELEY WORKSHOP ON DISTRIBUTED DATA MANAGEMENT
AND COMPUTER NETWORKS
LAWRENCE BERKELEY LAB., UNIV. OF CALIF., BERKELEY (MAY 25-27, 1977)

1977 DAVIS, W. S.
OPERATING SYSTEMS= A SYSTEMATIC VIEW
ADDISON-WESLEY, READING, MA (1977)

1977 HANSEN, P. B.
THE ARCHITECTURE OF CONCURRENT PROGRAMS
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1977)

1977 HARTMANN, A. C.
A CONCURRENT PASCAL COMPILER
SPRINGER-VERLAG, BERLIN (1977)

1977 ROSEN, S., GENERAL CHAIRMAN, AND P. J. DENNING, PROGRAM CHAIRMAN
PROC. SIXTH SYMP. ON OPERATING SYSTEMS PRINCIPLES
PURDUE UNIVERSITY, WEST LAFAYETTE, IN (NOV. 16-18, 1977)
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 5 (SPECIAL ISSUE)

1977 WORTMAN, D. B., EDITOR
PROC. ACM CONF. ON LANGUAGE DESIGN FOR RELIABLE SOFTWARE
SHERATON-CRABTREE INN, RALEIGH, NC (MARCH 28-30, 1977)
ACM SIGPLAN NOTICES, VOL. 12, NO. 3 (MARCH 1977)
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977)
ACM SOFTWARE ENGRG. NOTES, VOL. 2, NO. 2 (MARCH 1977)

1977 YEH, R. T., EDITOR
CURRENT TRENDS IN PROGRAMMING METHODOLOGY, VOL. I
SOFTWARE SPECIFICATION AND DESIGN
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1977)

**** THE FOLLOWING REFERENCES TREAT SPECIFIC OPERATING SYSTEMS=

1967 HORNBUCKLE, G. D.
A MULTIPROGRAMMING MONITOR FOR SMALL MACHINES
COMM. ACM, VOL. 10 (MAY 1967) PP.273-278.

1968 DIJKSTRA, E. W.
THE STRUCTURE OF THE 'THE'-MULTIPROGRAMMING SYSTEM
COMM. ACM, VOL. 11 (MAY 1968) PP. 341-346.

1969 LINDE, R. R., C. WEISSMAN, AND C. E. FOX
THE ADEPT-50 TIME-SHARING SYSTEM
AFIPS CONF. PROC., VOL. 35 (NOV. 1969/FJCC) PP. 39-50.

1972 ENGLAND, D. M.
OPERATING SYSTEM OF SYSTEM 250
INT. SWITCHING SYMP. RECORD, CAMBRIDGE, MA (JUNE 1972) PP. 525-529.

1965 CORBATO, F. J., AND V. A. VYSSOTSKY
INTRODUCTION AND OVERVIEW OF THE MULTICS SYSTEM
AFIPS CONF. PROC., VOL. 27, PT. I (NOV. 1965/FJCC) PP. 185-196.

1965 VYSSOTSKY, V. A., F. J. CORBATO, AND R. M. GRAHAM
STRUCTURE OF THE MULTICS SUPERVISOR
AFIPS CONF. PROC., VOL. 27, PT. I (NOV. 1965/FJCC) PP. 203-212.

1972 ORGANICK, E. I.
THE MULTICS SYSTEM= AN EXAMINATION OF ITS STRUCTURE
MIT PRESS, CAMBRIDGE, MA (1972)

1972 CORBATO, F. J., J. H. SALTZER, AND C. T. CLINGEN
MULTICS--THE FIRST SEVEN YEARS
AFIPS CONF. PROC., VOL. 40 (MAY 1970/SJCC) PP. 571-583.

1974 SALTZER, J. H.
PROTECTION AND THE CONTROL OF INFORMATION SHARING IN MULTICS
COMM. ACM, VOL. 17 (JULY 1974) PP. 388-402.

1975 SCHROEDER, M. D.
ENGINEERING A SECURITY KERNEL FOR MULTICS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 25-

1977 MONTGOMERY, W. A.
MEASUREMENTS OF SHARING IN MULTICS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 5 (NOV. 1977) PP. 85-90.

1976 HANSEN, P. B.
THE SOLO OPERATING SYSTEM= A CONCURRENT PASCAL PROGRAM
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (JUNE 1976) PP. 141-149.

1976 HANSEN, P. B.
THE SOLO OPERATING SYSTEM= JOB INTERFACE
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (JUNE 1976) PP. 151-164.

1976 HANSEN, P. B.
THE SOLO OPERATING SYSTEM= PROCESSES, MONITORS, AND CLASSES
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (JUNE 1976) PP. 165-200.

1974 WULF, W., E. COHEN, W. CORWIN, A. JONES, R. LEVIN, C. PIERSON + F. POLLACK
HYDRA=THE KERNEL OF A MULTIPROCESSOR OPERATING SYSTEM
COMM. ACM, VOL. 17 (JUNE 1974) PP. 337-345

1975 WULF, W., R. LEVIN, AND C. PIERSON
OVERVIEW OF THE HYDRA OPERATING SYSTEM DEVELOPMENT
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 122-131.

1975 LEVIN, R., E. COHEN, W. CORWIN, F. POLLACK, AND W. WULF
POLICY/MECHANISM SEPARATION IN HYDRA
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 132-140.

1975 COHEN, E., AND D. JEFFERSON
PROTECTION IN THE HYDRA OPERATING SYSTEM
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 141-160.

1975 PURSER, W. F. C., AND D. M. JENNINGS
THE DESIGN OF A REAL-TIME OPERATING SYSTEM FOR A MINICOMPUTER, PART I
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 5 (JUNE 1975) PP. 147-167.

1976 PURSER, W. F. C.
THE DESIGN OF A REAL-TIME OPERATING SYSTEM FOR A MINICOMPUTER, PART II
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (SEPT 1976) PP. 327-340.

1974 RITCHIE, D. M., AND K. THOMPSON
THE UNIX TIME-SHARING SYSTEM
COMM. ACM, VOL. 17 (JULY 1974) PP. 365-375.

1975 CHESSON, G. L.
THE NETWORK UNIX SYSTEM
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 60-66.

1977 LYCKLAMA, H.
UNIX ON A MICRO-PROCESSOR
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 237-242.

1972 LISKOV, B. H.
THE DESIGN OF THE VENUS OPERATING SYSTEM
COMM. ACM, VOL. 15 (MARCH 1972) PP. 144-149.

1977 JONES, A. K., R. J. CHANSLER, JR., I. DURHAM, P. FEILER, AND K. SCHWANS
SOFTWARE MANAGEMENT OF CM*--A DISTRIBUTED MULTIPROCESSOR
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 657-663.

**** THE FOLLOWING REFERENCES TREAT GENERAL DISTRIBUTED SYSTEM ISSUES=

1967 BURNETT, G. J., L. J. KOCZELA, AND R. A. HOKOM
A DISTRIBUTED PROCESSING SYSTEM FOR GENERAL PURPOSE COMPUTING
AFIPS CONF. PROC., VOL. 31 (NOV. 1967/FJCC) PP. 757-768.

1974 FARBER, D. J.
SOFTWARE CONSIDERATIONS IN DISTRIBUTED ARCHITECTURES
COMPUTER, VOL. 7, NO. 3 (MARCH 1974) PP. 31-35.

1974 JOSEPH, E. C.
INNOVATIONS IN HETEROGENEOUS AND HOMOGENEOUS DISTRIBUTED-FUNCTION
ARCHITECTURES
COMPUTER, VOL. 7, NO. 3 (MARCH 1974) PP. 17-24.

1974 NILSEN, R. N.
DISTRIBUTED-FUNCTION COMPUTER ARCHITECTURES
COMPUTER, VOL. 7 , NO. 3 (MARCH 1974) PP. 15-16.

1975 JENSEN, E. D.
A DISTRIBUTED FUNCTION COMPUTER FOR REAL-TIME CONTROL
PROC. SECOND ANNUAL SYMP. ON COMPUTER ARCHITECTURE (JAN. 1975) PP. 176-182

1975 ARNOLD, C. R.
THE NEED FOR DISTRIBUTED OPERATING SYSTEMS
NAVAL UNDERWATER SYSTEMS CENTER, TECH. MEMO NO. TC-8-75 (APRIL 1975)

1975 DEJKA, W. J.
DISTRIBUTED-FUNCTION ARCHITECTURE--AN APPROACH TO COMBAT SYSTEM DESIGN
WHICH IS RESPONSIVE TO CHANGE
CIRCUITS AND SYSTEMS, VOL. 9, NO. - (AUG. 1975) PP. 8-11.

1976 ENSLOW, P. H., JR.
WHAT DOES 'DISTRIBUTED PROCESSING' MEAN?
INFOTECH STATE OF THE ART REPORT ON DISTRIBUTED SYSTEMS (1976) PP. 257-272

1976 JENSEN, E. D.
DISTRIBUTED PROCESSING IN A REAL-TIME ENVIRONMENT
INFOTECH STATE OF THE ART REPORT ON DISTRIBUTED SYSTEMS (1976) PP. 303-318

1976 CHANG, SHI-KUO
A MODEL FOR DISTRIBUTED COMPUTER SYSTEM DESIGN
IEEE TRANS. SYSTEMS, MAN, AND CYBERNETICS,
VOL. SMC-6 (MAY 1976) PP. 344-359.

1976 JENSEN, E. D., K. J. THURBER, AND G. M. SCHNEIDER
A REVIEW OF SYSTEMATIC METHODS IN DISTRIBUTED PROCESSOR INTERCONNECTION
IEEE INT. CONF. COMMUNICATIONS, PHILADELPHIA, PA (JUNE 1976)

1976 METCALFE, R. M., AND D. R. BOGGS
ETHERNET= DISTRIBUTED PACKET SWITCHING FOR LOCAL COMPUTER NETWORKS
COMM. ACM, VOL. 19 (JULY 1976) PP. 395-404.

1976 FITZWATER, D. R.
THE FORMAL DESIGN AND ANALYSIS OF DISTRIBUTED DATA PROCESSING SYSTEMS
UNIV. WISCONSIN, COMPUTER SCIENCES TECH. REPORT NO. 279 (OCT. 1976)

1976 RAVI, C. V.
THE STRUCTURE AND CHARACTERISTICS OF DISTRIBUTED SYSTEMS
PROC. 2-ND INT. CONF. SOFTWARE ENGRG., SAN FRANCISCO (OCT. 1976) PP. 133-7

1976 VAN DAM, A., ET AL
DISTRIBUTED PROCESSING WORKSHOP TRANSCRIPT, PART I
BROWN UNIVERSITY (FIRST WORKSHOP, AUGUST 17-19, 1976)
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 5 (DEC. 1976) PP. 10-28.

1976 VAN DAM, A., ET AL
DISTRIBUTED PROCESSING WORKSHOP TRANSCRIPT, PART II
FIRST BROWN UNIVERSITY WORKSHOP (AUGUST 17-19, 1976)
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 6 (FEB. 1977) PP. 8-24.

1977 BROWNE, J. C., ET AL
NEW DIRECTIONS FOR OPERATING SYSTEMS= A WORKSHOP REPORT
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 1 (JAN. 1977) PP. 5-25.

1977 LEVIN, R., J. MCQUILLAN, AND R. SCHANTZ
DISTRIBUTED SYSTEMS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 1 (JAN. 1977) PP. 14-19.

1977 FRANTA, W. R., AND K. MALY
A FRAMEWORK FOR INVESTIGATING A CLASS OF DISTRIBUTED PROCESSING ALGORITHMS
IEEE TRANS. SYSTEMS, MAN, AND CYBERNETICS,
VOL. SMC-7 (AUG. 1977) PP. 597-604.

1977 STANKOVIC, J., AND A. VAN DAM
THE DISTRIBUTED PROCESSING WORKSHOP (SECOND WORKSHOP, AUGUST 3-5, 1977)
BROWN UNIVERSITY, TECH. REPORT NO. CS-32 (AUG. 1977)

1977 CASEY, L., AND N. SHELNESS
A DOMAIN STRUCTURE FOR DISTRIBUTED COMPUTER SYSTEMS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 5 (NOV. 1977) PP. 101-108.

1977 MCDANIEL, G.
METRIC= A KERNEL INSTRUMENTATION SYSTEM FOR DISTRIBUTED ENVIRONMENTS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 5 (NOV. 1977) PP. 93-99.

1978 MOHAN, C.
SURVEY OF RECENT OPERATING SYSTEMS RESEARCH, DESIGNS AND IMPLEMENTATIONS
ACM OPERATING SYSTEMS REVIEW, VOL. 12, NO. 1 (JAN. 1978) PP. 53-89.

1978 VAN DAM, A., AND J. STANKOVIC
DISTRIBUTED PROCESSING= GUEST EDITOR'S INTRODUCTION
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 10-11.

1978 ENSLOW, P. H., JR.
WHAT IS A 'DISTRIBUTED' DATA PROCESSING SYSTEM?
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 13-21.

1978 ECKHOUSE, R. H., JR., AND J. A. STANKOVIC
ISSUES IN DISTRIBUTED PROCESSING - AN OVERVIEW OF TWO WORKSHOPS
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 22-26.

1978 JENSEN, E. D.
THE HONEYWELL EXPERIMENTAL DISTRIBUTED PROCESSOR - AN OVERVIEW
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 28-38.

1978 SALTZER, J. H.
RESEARCH PROBLEMS OF DECENTRALIZED SYSTEMS WITH LARGELY AUTONOMOUS NODES
ACM OPERATING SYSTEMS REVIEW, VOL. 12, NO. 1 (JAN. 1978) PP. 43-52.

**** THE FOLLOWING REFERENCES TREAT DISTRIBUTED HARDWARE ARCHITECTURES,
SPECIFIC SYSTEMS, PLUS SOME RELATED COMPUTER SYSTEM ARCHITECTURES=

1962 SLOTNICK, D. L., W. C. BORCK, AND R. C. MCREYNOLDS
THE SOLOMON COMPUTER
AFIPS CONF. PROC., VOL. 22 (1962/FJCC) PP. 97-107.

1962 LEE, C. Y.
INTERCOMMUNICATING CELLS, BASIS FOR A DISTRIBUTED LOGIC COMPUTER
AFIPS CONF. PROC., VOL. 22 (1962/FJCC) PP. 130-136.

1966 LEHMAN, M.
A SURVEY OF PROBLEMS AND PRELIMINARY RESULTS CONCERNING PARALLEL
PROCESSING AND PARALLEL PROCESSORS
PROC. IEEE, VOL. 54 (DEC. 1966) PP. 1889-1901.

1972 SCHROEDER, M. D., AND J. H. SALTZER
A HARDWARE ARCHITECTURE FOR IMPLEMENTING PROTECTION RINGS
COMM. ACM, VOL. 15 (MARCH 1972) PP. 157-170.

1972 FARBER, D. J., AND K. C. LARSON
THE SYSTEM ARCHITECTURE OF THE DISTRIBUTED COMPUTER SYSTEM--
THE COMMUNICATIONS SYSTEM
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1972) PP. 21-27.

1972 FARBER, D. J., AND K. C. LARSON
THE STRUCTURE OF A DISTRIBUTED COMPUTING SYSTEM--SOFTWARE
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1972) PP. 539-545.

1972 HALTON, D.
HARDWARE OF THE SYSTEM 250 FOR COMMUNICATION CONTROL
INT. SWITCHING SYMP. RECORD, CAMBRIDGE, MA (JUNE 1972) PP. 530-536.

1972 DAVIS, R. L., S. ZUCKER, AND C. M. CAMPBELL
A BUILDING BLOCK APPROACH TO MULTIPROCESSING
AFIPS CONF. PROC., VOL. 40 (1972/SJCC) PP. 685-703.

1972 THURBER, K. J., E. D. JENSEN, L. A. JACK, L. L KINNEY, P. C. PATTON, AND L. C. ANDERSON
A SYSTEMATIC APPROACH TO THE DESIGN OF A DIGITAL BUSSING STRUCTURE
AFIPS CONF. PROC., VOL. 41, PT. II (DEC. 1972/FJCC) PP. 719-740.

1972 WULF, W. A., AND C. G. BELL
C.MMP--A MULTI-MINI-PROCESSOR
AFIPS CONF. PROC., VOL. 41, PT. II (DEC. 1972/FJCC) PP. 765-777.

1973 FARBER, D. J., J. FELDMAN, F. R. HEINRICH, M. D. HOPWOOD, K. C. LARSON, D. C. LOOMIS, AND L. A. ROWE
THE DISTRIBUTED COMPUTING SYSTEM
COMPCON '73 DIGEST (FEB. 1973) PP. 31-34.

1973 HEART, F. E., S. M. ORNSTEIN, W. R. CROWTHER, AND W. B. BARKER
A NEW MINICOMPUTER/MULTIPROCESSOR FOR THE ARPA NETWORK
AFIPS CONF. PROC., VOL. 42 (JUNE 1973/NCC) PP. 529-537.

1973 ANDERSON, G. A.
INTERCONNECTING A DISTRIBUTED PROCESSOR SYSTEM FOR AVIONICS
PROC. SYMP. ON COMPUTER ARCHITECTURE (DEC. 1973) PP. 11-20.

1973 FISCHLER, M. A., AND O. FIRSCHEIN
A FAULT TOLERANT MULTIPROCESSOR ARCHITECTURE FOR REAL-TIME CONTROL APPLICATIONS
PROC. SYMP. ON COMPUTER ARCHITECTURE (DEC. 1973) PP. 151-157.

1974 JOSEPH, E. C.
INNOVATIONS IN HETEROGENEOUS AND HOMOGENEOUS DISTRIBUTED-FUNCTION ARCHITECTURES
COMPUTER, VOL. 7, NO. 3 (MARCH 1974) PP. 17-24.

1974 NILSEN, R. N.
DISTRIBUTED-FUNCTION COMPUTER ARCHITECTURES
COMPUTER, VOL. 7 , NO. 3 (MARCH 1974) PP. 15-16.

1974 FABER, U., AND J. P. MCALLISTER
A BIT SERIAL MICROPROCESSOR
PROC. IEEE INTERCON (1974)

1974 JOHNSON, M. D.
MICROPROCESSORS IN UNCONVENTIONAL ARCHITECTURES
PROC. EIGHT ASILOMAR CONF. CIRCUITS, SYSTEMS AND COMPUTERS, PACIFIC GROVE, CALIF. (DEC. 1974) PP. 97-102.

1974 MOORE, M. J.
A DISTRIBUTED MICRO PROCESSOR SYSTEM FOR AVIONICS
PROC. EIGTH ASILOMAR CONF. CIRCUITS, SYSTEMS AND COMPUTERS, PACIFIC GROVE, CALIF. (DEC. 1974) PP. 92-96.

1975 ORNSTEIN, S. M., W. R. CROWTHER, M. F. KRALEY, R. D. BRESSLER, A. MICHEL, AND F. E. HEART
PLURIBUS--A RELIABLE MULTIPROCESSOR
AFIPS CONF. PROC., VOL. 44 (1975/NCC) PP. 551-559.

1975 GAGLIARDI, U. O.
TRENDS IN COMPUTING-SYSTEM ARCHITECTURE
PROC. IEEE, VOL. 63 (JUNE 1975) PP. 858-862.

1975 BERNSTEIN, A. J., AND P. SIEGEL
A COMPUTER ARCHITECTURE FOR LEVEL STRUCTURED SYSTEMS
IEEE TRANS. COMPUTERS, VOL. C-24 (AUG. 1975) PP. 785-793.

1975 ANDERSON, D. R.
THE EPIC-DPS A DISTRIBUTED NETWORK EXPERIMENT
IEEE EASCON '75 DIGEST (SEPT. 1975)

1975 ARDEN, B. W., AND A. D. BERENBAUM
A MULTI-MICROPROCESSOR COMPUTER SYSTEM ARCHITECTURE
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 114-121.

1975 ANDERSON, G. A., AND E. D. JENSEN
COMPUTER INTERCONNECTION STRUCTURES= TAXONOMY, CHARACTERISTICS, AND EXAMPLES
COMPUTING SURVEYS, VOL. 7 (DEC. 1975) PP. 197-213.

1976 CHEN, R. C., P. G. JESSEL, AND R. A. PATTERSON
MININET= A MICROPROCESSOR-CONTROLLED 'MININETWORK'
PROC. IEEE, VOL. 64 (JUNE 1976) PP. 988-993.

1977 ENSLOW, P. H., JR.
MULTIPROCESSOR ORGANIZATION--A SURVEY
COMPUTING SURVEYS, VOL. 9 (MARCH 1977) PP. 103-129.

1977 HAYNES, L. S.
THE ARCHITECTURE OF AN ALGOL 60 COMPUTER IMPLEMENTED WITH DISTRIBUTED PROCESSORS
PROC. FOURTH ANNUAL SYMP. COMPUTER ARCHITECTURE, IEEE NO. 77CH1182-5C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 7 (MARCH 1977) PP. 95-104.

1977 LIU, M. T., AND C. C. REAMES
MESSAGE COMMUNICATION PROTOCOL AND OPERATING SYSTEM DESIGN FOR THE DISTRIBUTED LOOP COMPUTER NETWORK (DLCN)
PROC. FOURTH ANNUAL SYMP. COMPUTER ARCHITECTURE, IEEE NO. 77CH1182-5C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 7 (MARCH 1977) PP. 193-200.

1977 NUTT, G. J.
MICROPROCESSOR IMPLEMENTATION OF A PARALLEL PROCESSOR
PROC. FOURTH ANNUAL SYMP. COMPUTER ARCHITECTURE, IEEE NO. 77CH1182-5C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 7 (MARCH 1977) PP. 147-152.

1977 SULLIVAN, H., AND T. R. BASHKOW
A LARGE SCALE, HOMOGENEOUS, FULLY DISTRIBUTED PARALLEL MACHINE, I
PROC. FOURTH ANNUAL SYMP. COMPUTER ARCHITECTURE, IEEE NO. 77CH1182-5C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 7 (MARCH 1977) PP. 105-117.

1977 SULLIVAN, H., T. R. BASHKOW, AND D. KLAPPHOLZ
A LARGE SCALE, HOMOGENEOUS, FULLY DISTRIBUTED PARALLEL MACHINE, II
PROC. FOURTH ANNUAL SYMP. COMPUTER ARCHITECTURE, IEEE NO. 77CH1182-5C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 7 (MARCH 1977) PP. 118-124.

1977 FORD, W. S., AND V. C. HAMACHER
LOW LEVEL ARCHITECTURE FEATURES FOR SUPPORTING PROCESS COMMUNICATION
COMPUTER J., VOL. 20 (MAY 1977) PP. 156-162.

1977 SU, S. Y. H., AND R. J. SPILLMAN
AN OVERVIEW OF FAULT-TOLERANT DIGITAL SYSTEM ARCHITECTURE
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 19-26.

1977 SWAN, R. J., S. H. FULLER, AND D. P. SIEWIOREK
CM*--A MODULAR, MULTI-MICROPROCESSOR
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 637-644.

1977 SWAN, R. J., A. BECHTOLSHEIM, K.-W. LAI, AND J. K. OUSTERHOUT
THE IMPLEMENTATION OF THE CM* MULTI-MICROPROCESSOR
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 645-655.

1977 BABIC, G. A., M. T. LIU, AND R. PARDO
A PERFORMANCE STUDY OF THE DISTRIBUTED LOOP COMPUTER NETWORK (DLCN)
PROC. COMPUTER NETWORKING SYMP., GAITHERSBURG, MD (DEC. 1977) PP. 66-75.

1977 PARDO, R., M. T. LIU, AND G. A. BABIC
DISTRIBUTED SERVICES IN COMPUTER NETWORKS= DESIGNING THE DISTRIBUTED LOOP
DATA BASE SYSTEM (DLDBS)
PROC. COMPUTER NETWORKING SYMP., GAITHERSBURG, MD (DEC. 1977) PP. 60-65.

1978 JENSEN, E. D.
THE HONEYWELL EXPERIMENTAL DISTRIBUTED PROCESSOR - AN OVERVIEW
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 28-38.

1978 GONZALEZ, M. J., JR.
FUTURE DIRECTIONS IN COMPUTER ARCHITECTURE
COMPUTER, VOL. 11, NO. 3 (MARCH 1978) PP. 54-62.

**** THE FOLLOWING REFERENCES TREAT COMPUTER NETWORK ISSUES=

1970 CARR, C. S., S. D. CROCKER, AND V. G. CERF
HOST-HOST COMMUNICATION PROTOCOL IN THE ARPA NETWORK
AFIPS CONF. PROC., VOL. 36 (MAY 1970/SJCC) PP. 589-597.

1972 FOX, J., EDITOR
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC
MICROWAVE RESEARCH INSTITUTE SYMPOSIA SERIES, VOL. XXII
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 4-6, 1972)

1972 AKKOYUNLU, E., A. BERNSTEIN, AND R. SCHANTZ
AN OPERATING SYSTEM FOR A NETWORK ENVIRONMENT
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1972) PP. 529-538.

1972 WALDEN, D. C.
A SYSTEM FOR INTERPROCESS COMMUNICATION IN A RESOURCE SHARING COMPUTER NETWORK
COMM. ACM, VOL. 15 (APRIL 1972) PP. 221-230.

1972 CROCKER, S. D., J. F. HEAFNER, R. M. METCALFE, AND J. B. POSTEL
FUNCTION-ORIENTED PROTOCOLS FOR THE ARPA COMPUTER NETWORK
AFIPS CONF. PROC., VOL. 40 (MAY 1972/SJCC) PP. 271-279.

1972 THOMAS, R. H., AND D. A. HENDERSON
MCROSS--A MULTI-COMPUTER PROGRAMMING SYSTEM
AFIPS CONF. PROC., VOL. 40 (MAY 1972/SJCC) PP. 281-293.

1973 THOMAS, R. H.
A RESOURCE SHARING EXECUTIVE FOR THE ARPANET
AFIPS CONF. PROC., VOL. 42 (JUNE 1973/NCC) PP. 155-163.

1974 CERF, V. G., AND R. E. KAHN
A PROTOCOL FOR PACKET NETWORK INTERCOMMUNICATION
IEEE TRANS. COMMUNICATIONS, VOL. COM-22 (MAY 1974) PP. 637-648.

1974 LAY, W. M., D. L. MILLS, AND M. V. ZELKOWITZ
OPERATING SYSTEMS ARCHITECTURE FOR A DISTRIBUTED COMPUTER NETWORK
PROC. SYMPOSIUM ON COMPUTER NETWORKS= TRENDS AND APPLICATIONS, GAITHERSBURG, MARYLAND (MAY 1974) PP. 39-43.

1974 AKKOYUNLU, E., A. BERNSTEIN, AND R. SCHANTZ
INTER PROCESS COMMUNICATION FACILITIES FOR NETWORK OPERATING SYSTEMS
COMPUTER, VOL. 7, NO. 6 (JUNE 1974) PP. 46-55.

1975 DANTHINE, A. A. S., AND J. BREMER
COMMUNICATION PROTOCOLS IN A NETWORK CONTEXT
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 87-92.

1975 MANNING, E., AND R. W. PEEBLES
SEGMENT TRANSFER PROTOCOLS FOR A HOMOGENEOUS COMPUTER NETWORK
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 65-73.

1975 POPEK, G. J.
ON DATA SECURE COMPUTER NETWORKS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 59-62.

1975 CHESSON, G. L.
THE NETWORK UNIX SYSTEM
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 60-66.

1975 AKKOYUNLU, E. A., K. EKANADHAM, AND R. V. HUBER
SOME CONSTRAINTS AND TRADEOFFS IN THE DESIGN OF NETWORK COMMUNICATIONS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 67-74.

1976 METCALFE, R. M., AND D. R. BOGGS
ETHERNET= DISTRIBUTED PACKET SWITCHING FOR LOCAL COMPUTER NETWORKS
COMM. ACM, VOL. 19 (JULY 1976) PP. 395-404.

1977 MORGAN, H. L., AND K. D. LEVIN.
OPTIMAL PROGRAM AND DATA LOCATIONS IN COMPUTER NETWORKS
COMM. ACM, VOL. 20 (MAY 1977) PP. 315-322.

1978 SALTZER, J. H.
RESEARCH PROBLEMS OF DECENTRALIZED SYSTEMS WITH LARGELY AUTONOMOUS NODES
ACM OPERATING SYSTEMS REVIEW, VOL. 12, NO. 1 (JAN. 1978) PP. 43-52.

1978 FORSDICK, H. C., R. E. SCHANTZ, AND R. H. THOMAS
OPERATING SYSTEMS FOR COMPUTER NETWORKS
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 48-57.

**** THE FOLLOWING REFERENCES TREAT THE INTERPROCESS COMMUNICATION PROBLEM=

1970 CARR, C. S., S. D. CROCKER, AND V. G. CERF
HOST-HOST COMMUNICATION PROTOCOL IN THE ARPA NETWORK
AFIPS CONF. PROC., VOL. 36 (MAY 1970/SJCC) PP. 589-597.

1971 BALZER, R. M.
PORTS--A METHOD FOR DYNAMIC INTERPROGRAM COMMUNICATIONS AND JOB CONTROL
AFIPS CONF. PROC., VOL. 38 (MAY 1971/SJCC) PP. 485-489.

1972 FARBER, D. J., AND K. C. LARSON
THE SYSTEM ARCHITECTURE OF THE DISTRIBUTED COMPUTER SYSTEM--
THE COMMUNICATIONS SYSTEM
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1972) PP. 21-27.

1972 METCALFE, R. M.
STRATEGIES FOR INTERPROCESS COMMUNICATION IN A DISTRIBUTED COMPUTING
SYSTEM
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1972) PP. 519-526.

1972 WALDEN, D. C.
A SYSTEM FOR INTERPROCESS COMMUNICATION IN A RESOURCE SHARING
COMPUTER NETWORK
COMM. ACM, VOL. 15 (APRIL 1972) PP. 221-230.

1972 CROCKER, S. D., J. F. HEAFNER, R. M. METCALFE, AND J. B. POSTEL
FUNCTION-ORIENTED PROTOCOLS FOR THE ARPA COMPUTER NETWORK
AFIPS CONF. PROC., VOL. 40 (MAY 1972/SJCC) PP. 271-279.

1974 CERF, V. G., AND R. E. KAHN
A PROTOCOL FOR PACKET NETWORK INTERCOMMUNICATION
IEEE TRANS. COMMUNICATIONS, VOL. COM-22 (MAY 1974) PP. 637-648.

1974 AKKOYUNLU, E., A. BERNSTEIN, AND R. SCHANTZ
INTER PROCESS COMMUNICATION FACILITIES FOR NETWORK OPERATING SYSTEMS
COMPUTER, VOL. 7, NO. 6 (JUNE 1974) PP. 46-55.

1975 BOCHMANN, G. V.
COMMUNICATION PROTOCOLS AND ERROR RECOVERY PROCEDURES
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 45-50.

1975 DANTHINE, A. A. S., AND J. BREMER
COMMUNICATION PROTOCOLS IN A NETWORK CONTEXT
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 87-92.

1975 MANNING, E., AND R. W. PEEBLES
SEGMENT TRANSFER PROTOCOLS FOR A HOMOGENEOUS COMPUTER NETWORK
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 65-73.

1975 MCQUILLAN, J. M., AND D. C. WALDEN
SOME CONSIDERATIONS FOR A HIGH PERFORMANCE MESSAGE-BASED
INTERPROCESS COMMUNICATION SYSTEM
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 77-86.

1975 AKKOYUNLU, E. A., K. EKANADHAM, AND R. V. HUBER
SOME CONSTRAINTS AND TRADEOFFS IN THE DESIGN OF NETWORK COMMUNICATIONS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 67-74.

1976 BELSNES, D
SINGLE-MESSAGE COMMUNICATION
IEEE TRANS. COMMUNICATIONS, VOL. COM-24 (FEB. 1976) PP. 190-194.

1976 MAHMOUD, S., AND J. S. RIORDON
PROTOCOL CONSIDERATIONS FOR SOFTWARE CONTROLLED ACCESS METHODS IN
DISTRIBUTED DATA BASES
PROC. INT. CONF. COMPUTER PERFORMANCE MODELING, MEASUREMENT AND EVALUATION
HARVARD UNIVERSITY, CAMBRIDGE, MA (MARCH 1976) PP. 241-264.

1977 RUSSO, P. M.
INTERPROCESSOR COMMUNICATION FOR MULTI-MICROCOMPUTER SYSTEMS
COMPUTER, VOL. 10, NO. 4 (APRIL 1977) PP. 67-76.

1977 FORD, W. S., AND V. C. HAMACHER
LOW LEVEL ARCHITECTURE FEATURES FOR SUPPORTING PROCESS COMMUNICATION
COMPUTER J., VOL. 20 (MAY 1977) PP. 156-162.

1977 LIU, M. T., AND C. C. REAMES
MESSAGE COMMUNICATION PROTOCOL AND OPERATING SYSTEM DESIGN FOR THE
DISTRIBUTED LOOP COMPUTER NETWORK (DLCN)
PROC. FOURTH ANNUAL SYMP. COMPUTER ARCHITECTURE, IEEE NO. 77CH1182-5C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 7 (MARCH 1977) PP. 193-200.

1977 SCHOUTE, F. C.
DECENTRALIZED CONTROL IN COMPUTER COMMUNICATIONS
HARVARD UNIV., DIV. ENGRG. APPL. PHYSICS, TECH. REPORT NO. 667 (APR. 1977)

1977 KASTNER, M. P.
INFORMATION AND SIGNALING IN DECENTRALIZED DECISION PROBLEMS
HARVARD UNIVERSITY, DIV. APPL. SCIENCES, TECH. REPORT NO. 669 (SEPT 1977)

**** THE FOLLOWING REFERENCES ARE TO WORKS WHICH TREAT THE SYNCHRONIZATION
PROBLEM, SYNCHRONIZATION PRIMITIVES, AND THE DEADLOCK PROBLEM=

1968 DIJKSTRA, E. W.
CO-OPERATING SEQUENTIAL PROCESSES
IN PROGRAMMING LANGUAGES, F. GENUYS, EDITOR
ACADEMIC PRESS, LONDON (1968) PP. 43-112.

1969 SHOSHANI, A., AND A. J. BERNSTEIN
SYNCHRONIZATION IN A PARALLEL-ACCESSED DATA BASE
COMM. ACM, VOL. 12 (NOV. 1969) PP. 604-607.

1971 HOLT, R. C.
COMMENTS ON PREVENTION OF SYSTEM DEADLOCKS
COMM. ACM, VOL. 14 (JAN. 1971) PP. 36-38.

1971 SAAL, H. J., AND W. E. RIDDLE
COMMUNICATING SEMAPHORES
STANFORD UNIVERSITY, COMPUTER SCIENCE DEPT.
REPORT NO. STAN-CS-71-202 (FEB. 1971)

1971 COFFMAN, E. G., JR., M. J. ELPHICK, AND A. SHOSHANI
SYSTEM DEADLOCKS
COMPUTING SURVEYS, VOL. 3 (JUNE 1971) PP. 67-78.

1971 COURTOIS, P. J., F. HEYMANS, AND D. L. PARNAS
CONCURRENT CONTROL WITH 'READERS' AND 'WRITERS'
COMM. ACM, VOL. 14 (OCT. 1971) PP. 667-668.

1972 HABERMANN, A. N.
SYNCHRONIZATION OF COMMUNICATING PROCESSES
COMM. ACM, VOL. 15 (MARCH 1972) PP. 171-176.

1972 HOLT, R. C.
SOME DEADLOCK PROPERTIES OF COMPUTER SYSTEMS
COMPUTING SURVEYS, VOL. 4 (SEPT 1972) PP. 179-196.

1972 PARNAS, D. L., AND A. N. HABERMANN
COMMENT ON DEADLOCK PREVENTION METHOD
COMM. ACM, VOL. 15 (SEPT. 1972) PP. 840-841.

1974 CAMPBELL, R. H., AND A. N. HABERMANN
THE SPECIFICATION OF PROCESS SYNCHRONIZATION BY PATH EXPRESSIONS
IN OPERATING SYSTEMS, GELENBE AND KAISER, EDS., SPRINGER-VERLAG,
BERLIN (1974) PP. 89-102.

1974 HABERMANN, A. N.
A NEW APPROACH TO AVOIDANCE OF SYSTEM DEADLOCKS
IN OPERATING SYSTEMS, GELENBE AND KAISER, EDS., SPRINGER-VERLAG,
BERLIN (1974) PP. 163-170.

1974 BYRN, W. H., JR.
SEQUENTIAL PROCESSES, DEADLOCKS, AND SEMAPHORE PRIMITIVES
PH.D. THESIS, HARVARD UNIVERSITY, CAMBRIDGE, MA (AUG. 1974)

1974 LAMPORT, L.
A NEW SOLUTION OF DIJKSTRA'S CONCURRENT PROGRAMMING PROBLEM
COMM. ACM, VOL. 17 (AUG. 1974) PP. 453-455.

1974 HOARE, C. A. R.
MONITORS= AN OPERATING SYSTEM STRUCTURING CONCEPT
COMM. ACM, VOL. 17 (OCT. 1974) PP. 549-557.

1975 BELPAIRE, G.
SYNCHRONIZATION= IS A SYNTHESIS OF THE PROBLEMS POSSIBLE?
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 3-10.

1975 CHEN, R. C.
REPRESENTATION OF PROCESS SYNCHRONIZATION
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 37-42.

1975 DALAL, Y. K.
MORE ON SELECTING SEQUENCE NUMBERS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 25-36.

1975 TOMLINSON, R. S.
SELECTING SEQUENCE NUMBERS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 11-23.

1975 RUSSELL, D. L., AND T. H. BREDT
ERROR RESYNCHRONIZATION IN PRODUCER-CONSUMER SYSTEMS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 106-113.

1975 SHRIVASTAVA, S. K.
A VIEW OF CONCURRENT PROCESS SYNCHRONISATION
COMPUTER J., VOL. 18 (NOV. 1975) PP. 375-379.

1976 GREIF, I.
FORMAL PROBLEM SPECIFICATIONS FOR READERS AND WRITERS SCHEDULING
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1976) PP. 225-238.

1976 HOWARD, J. H.
PROVING MONITORS
COMM. ACM, VOL. 19 (MAY 1976) PP. 273-279.

1976 HANSEN, P. B.
THE SOLO OPERATING SYSTEM= PROCESSES, MONITORS, AND CLASSES
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (JUNE 1976) PP. 165-200.

1976 LISTER, A. M., AND K. J. MAYNARD
AN IMPLEMENTATION OF MONITORS
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (SEPT 1976) PP. 377-385.

1976 HOWARD, J. H.
SIGNALING IN MONITORS
PROC. SECOND INT. CONF. SOFTWARE ENGRG. (OCT. 1976) PP. 47-52.

1976 SAXENA, A. R., AND T. H. BREDT
VERIFICATION OF A MONITOR SPECIFICATION
PROC. SECOND INT. CONF. SOFTWARE ENGRG. (OCT. 1976) PP. 53-59.

1976 ESWARAN, K. P., J. N. GRAY, R. A. LORIE, AND I. L. TRAIGER
THE NOTIONS OF CONSISTENCY AND PREDICATE LOCKS IN A DATABASE SYSTEM
COMM. ACM, VOL. 19 (NOV. 1976) PP. 624-

1976 LISTER, A. M., AND P. J. SAYER
HIERARCHICAL MONITORS
PROC. 1976 INT. CONF. ON PARALLEL PROCESSING, IEEE NO. 76CH1127-0C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 3 (AUG. 1976) PP. 43-49.

1977 WETTSTEIN, H.
THE IMPLEMENTATION OF SYNCHRONIZING OPERATIONS IN VARIOUS ENVIRONMENTS
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 7 (FEB. 1977) PP. 115-126.

1977 HENDERSON, P. B., AND Y. ZALCSTEIN
A GRAPH-THEORETIC CHARACTERIZATION OF THE PV-CHUNK CLASS OF SYNCHRONIZING PRIMITIVES
SIAM J. COMPUTING, VOL. 6 (MARCH 1977) PP. 88-108.

1977 LOMET, D. B.
PROCESS STRUCTURING, SYNCHRONIZATION, AND RECOVERY USING ATOMIC ACTIONS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977) PP. 128-137.

1977 KAMMERER, P.
EXCLUDING REGIONS
COMPUTER J., VOL. 20 (MAY 1977) PP. 128-131.

1977 ROSENKRANTZ, D. J., R. E. STEARNS, AND P. M. LEWIS
A SYSTEM LEVEL CONCURRENCY CONTROL FOR DISTRIBUTED DATABASE SYSTEMS
PROC. SECOND BERKELEY WORKSHOP ON DISTRIBUTED DATA MANAGEMENT AND COMPUTER NETWORKS, BERKELEY, CALIF. (MAY 1977) PP. 132-145.

1977 SWEET, A. F., AND A. E. OLDEHOEFT
AUTOMATED CONTROL OF CONCURRENCY IN MULTI-USER HIERARCHICAL INFORMATION SYSTEMS
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 907-918.

1977 LISTER, A.
THE PROBLEM OF NESTED MONITOR CALLS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 3 (JULY 1977) PP. 5-7.

1977 DEVILLERS, R.
GAME INTERPRETATION OF THE DEADLOCK AVOIDANCE PROBLEM
COMM. ACM, VOL. 20 (OCT. 1977) PP. 741-745.

1977 GERBER, A. J.
PROCESS SYNCHRONIZATION BY COUNTER VARIABLES
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 4 (OCT. 1977) PP. 6-17.

1977 HADDON, B. K.
NESTED MONITOR CALLS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 4 (OCT. 1977) PP. 18-23.

1977 LAMPORT, L.
CONCURRENT READING AND WRITING
COMM. ACM, VOL. 20 (NOV. 1977) PP. 806-811.

1977 REED, D. P., AND R. K. KANODIA
SYNCHRONIZATION WITH EVENTCOUNTS AND SEQUENCERS (EXTENDED ABSTRACT)
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 5 (NOV. 1977) P. 91.

1978 PARNAS, D. L.
THE NON-PROBLEM OF NESTED MONITOR CALLS
ACM OPERATING SYSTEMS REVIEW, VOL. 12, NO. 1 (JAN. 1978) PP. 12-15.

1978 WETTSTEIN, H.
THE PROBLEM OF NESTED MONITOR CALLS REVISITED
ACM OPERATING SYSTEMS REVIEW, VOL. 12, NO. 1 (JAN. 1978) PP. 19-23.

**** THE FOLLOWING REFERENCES TREAT PROTECTION AND RELATED ISSUES=

1968 GRAHAM, R. M.
PROTECTION IN AN INFORMATION PROCESSING UTILITY
COMM. ACM, VOL. 11 (MAY 1968) PP. 365-369.

1968 OPPENHEIMER, G., AND K. P. CLANCY
CONSIDERATIONS FOR SOFTWARE PROTECTION AND RECOVERY FROM HARDWARE FAILURES
IN A MULTIACCESS, MULTIPROGRAMMING, SINGLE PROCESSOR SYSTEM
AFIPS CONF. PROC., VOL. 33, PT. I (DEC. 1968/FJCC) PP. 29-37.

1969 LAMPSON, B. W.
DYNAMIC PROTECTION STRUCTURES
AFIPS CONF. PROC., VOL. 35 (NOV. 1969/FJCC) PP. 27-38.

1969 WEISSMAN, C.
SECURITY CONTROLS IN THE ADEPT-50 TIME-SHARING SYSTEM
AFIPS CONF. PROC., VOL. 35 (NOV. 1969/FJCC) PP. 119-133.

1971 LAMPSON, B. W.
PROTECTION
PROC. FIFTH PRINCETON SYMP. ON INFORMATION SCIENCES AND SYSTEMS,
PRINCETON UNIVERSITY (MARCH 1971) PP. 437-443. ALSO REPRINTED IN
ACM OPERATING SYSTEMS REVIEW, VOL. 8, NO. 1 (JAN. 1974) PP. 18-24.

1972 SCHROEDER, M. D., AND J. H. SALTZER
A HARDWARE ARCHITECTURE FOR IMPLEMENTING PROTECTION RINGS
COMM. ACM, VOL. 15 (MARCH 1972) PP. 157-170.

1972 CONWAY, R. W., W. L. MAXWELL, AND H. L. MORGAN
ON THE IMPLEMENTATION OF SECURITY MEASURES IN INFORMATION SYSTEMS
COMM. ACM, VOL. 15 (APRIL 1972) PP. 211-220.

1972 GRAHAM, G. S., AND P. J. DENNING
PROTECTION--PRINCIPLES AND PRACTICE
AFIPS CONF. PROC., VOL. 40 (MAY 1972/SJCC) PP. 417-429.

1972 NEEDHAM, R. M.
PROTECTION SYSTEMS AND PROTECTION IMPLEMENTATIONS
AFIPS CONF. PROC., VOL. 41, PT. I (DEC. 1972/FJCC) PP. 571-578.

1973 BRANSTAN, D. K.
PRIVACY AND PROTECTION IN OPERATING SYSTEMS
COMPUTER, VOL. 6, NO. 1 (JAN. 1973) PP. 43-46.

1973 MORRIS, J. H., JR.
PROTECTION IN PROGRAMMING LANGUAGES
COMM. ACM, VOL. 16 (JAN. 1973) PP. 15-21.

1973 LAMPSON, B. W.
A NOTE ON THE CONFINEMENT PROBLEM
COMM. ACM, VOL. 16 (OCT. 1973) PP. 613-615.

1974 POPEK, G. J., AND C. S. KLINE
VERIFIABLE SECURE OPERATING SYSTEM SOFTWARE
AFIPS CONF. PROC., VOL. 43 (MAY 1974/NCC) PP. 145-151.

1974 POPEK, G. J.
PROTECTION STRUCTURES
COMPUTER, VOL. 7, NO. 6 (JUNE 1974) PP. 22-33.

1974 FABRY, R. S.
CAPABILITY-BASED ADDRESSING
COMM. ACM, VOL. 17 (JULY 1974) PP. 403-412.

1974 SALTZER, J. H.
PROTECTION AND THE CONTROL OF INFORMATION SHARING IN MULTICS
COMM. ACM, VOL. 17 (JULY 1974) PP. 388-402.

1975 POPEK, G. J.
ON DATA SECURE COMPUTER NETWORKS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 59-62.

1975 SALTZER, J. H., AND M. D. SCHROEDER
THE PROTECTION OF INFORMATION IN COMPUTER SYSTEMS
PROC. IEEE, VOL. 63 (SEPT 1975) PP. 1278-1308.

1975 COHEN, E., AND D. JEFFERSON
PROTECTION IN THE HYDRA OPERATING SYSTEM
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 141-160.

1975 HARRISON, M. A., W. L. RUZZO, AND J. D. ULLMAN
ON PROTECTION IN OPERATING SYSTEMS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 14-24.

1975 JONES, A. K., AND R. J. LIPTON
THE ENFORCEMENT OF SECURITY POLICIES FOR COMPUTATION
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 197-206.

1975 LIPNER, S. B.
A COMMENT ON THE CONFINEMENT PROBLEM
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 192-196.

1975 SCHROEDER, M. D.
ENGINEERING A SECURITY KERNEL FOR MULTICS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 25-

1976 DENNING, D. E.
A LATTICE MODEL OF SECURE INFORMATION FLOW
COMM. ACM, VOL. 19 (MAY 1976) PP. 236-243.

1976 MILLEN, J. K.
SECURITY KERNEL VALIDATION IN PRACTICE
COMM. ACM, VOL. 19 (MAY 1976) PP. 243-250.

1976 LINDEN, T. A.
OPERATING SYSTEM STRUCTURES TO SUPPORT SECURITY AND RELIABLE SOFTWARE
NBS TECT. NOTE NO. 919 (AUG. 1976) 51 PAGES.

1977 AMBLER, A. L., AND C. G. HOCH
A STUDY OF PROTECTION IN PROGRAMMING LANGUAGES
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977) PP. 25-40.

**** THE FOLLOWING REFERENCES TREAT FAULT-TOLERANCE

1967 AVIZIENIS, A.
DESIGN OF FAULT-TOLERANT COMPUTERS
AFIPS CONF. PROC., VOL. 31 (NOV. 1967/FJCC) PP. 733-743.

1968 HIGGINS, A. N.
ERROR RECOVERY THROUGH PROGRAMMING
AFIPS CONF. PROC., VOL. 33, PT. I (DEC. 1968/FJCC) PP. 39-43.

1968 OPPENHEIMER, G., AND K. P. CLANCY
CONSIDERATIONS FOR SOFTWARE PROTECTION AND RECOVERY FROM HARDWARE FAILURES
IN A MULTIACCESS, MULTIPROGRAMMING, SINGLE PROCESSOR SYSTEM
AFIPS CONF. PROC., VOL. 33, PT. I (DEC. 1968/FJCC) PP. 29-37.

1971 AVIZIENIS, A., G. C. GILLEY, F. P. MATHUR, D. A. RENNELS, J. A. ROHR,
AND D. K. RUBIN
THE STAR (SELF-TESTING AND REPAIRING) COMPUTER: AN INVESTIGATION OF THE
THEORY AND PRACTICE OF FAULT-TOLERANT COMPUTER DESIGN
IEEE TRANS. COMPUTERS, VOL. C-20 (NOV. 1971) PP. 1312-1321.

1971 HOPKINS, A. L., JR.
A FAULT-TOLERANT INFORMATION PROCESSING CONCEPT FOR SPACE VEHICLES
IEEE TRANS. COMPUTERS, VOL. C-20 (NOV. 1971) PP. 1394-1403.

1972 CHANDY, K. M., AND C. V. RAMAMOORTHY
ROLLBACK AND RECOVERY STRATEGIES FOR COMPUTER PROGRAMS
IEEE TRANS. COMPUTERS, VOL. C-21 (JUNE 1972) PP. 546-556.

1972 WENSLEY, J. H.
SIFT-SOFTWARE IMPLEMENTED FAULT TOLERANCE
AFIPS CONF. PROC., VOL. 41, PT. I (DEC. 1972/FJCC) PP.243-253.

1973 DALY, T. E., H. S. ED TSOU, J. L. LEWIS, AND M. E. HOLLOWICH
THE DESIGN AND VERIFICATION OF A SYNCHRONOUS EXECUTIVE
FOR A FAULT-TOLERANT SYSTEM
DIGEST INT. SYMP. ON FAULT-TOLERANT COMPUTING (JUNE 1973) PP. 3-9.

1973 WALTHER, W.
MULTIPROCESSOR SELF DIAGNOSIS, SURGERY, AND RECOVERY IN
AIR TERMINAL TRAFFIC CONTROL
CHECK DIGEST INT. SYMP. ON FAULT-TOLERANT COMPUTING (JUNE 1973) PP. 38-43.

1973 FISCHLER, M. A., AND O. FIRSCHEIN
A FAULT TOLERANT MULTIPROCESSOR ARCHITECTURE
FOR REAL-TIME CONTROL APPLICATIONS
PROC. SYMP. ON COMPUTER ARCHITECTURE (DEC. 1973) PP. 151-157.

1974 HORNING, J. J., H. C. LAUER, P. M. MELLIAR-SMITH, AND B. RANDELL
A PROGRAM STRUCTURE FOR ERROR DETECTION AND RECOVERY
IN OPERATING SYSTEMS, GELENBE AND KAISER, EDS., SPRINGER-VERLAG,
BERLIN (1974) PP. 171-187.

1975 BOCHMANN, G. V.
COMMUNICATION PROTOCOLS AND ERROR RECOVERY PROCEDURES
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 45-50.

1975 MERLIN, P. M., AND D. J. FARBER
RECOVERABILITY OF MODULAR SYSTEMS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 3 (MARCH 1975) PP. 51-56.

1975 CHANDY, K. M.
A SURVEY OF ANALYTIC MODELS OF ROLLBACK AND RECOVERY STRATEGIES
COMPUTER, VOL. 8, NO. 5 (MAY 1975) PP. 40-47.

1975 ORNSTEIN, S. M., W. R. CROWTHER, M. F. KRALEY, R. D. BRESSLER, A. MICHEL, AND F. E. HEART
PLURIBUS--A RELIABLE MULTIPROCESSOR
AFIPS CONF. PROC., VOL. 44 (1975/NCC) PP. 551-559.

1975 RANDELL, B.
SYSTEM STRUCTURE FOR SOFTWARE FAULT TOLERANCE
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-1 (JUNE 1975) PP. 220-232.

1975 WULF, W. A.
RELIABLE HARDWARE/SOFTWARE ARCHITECTURE
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-1 (JUNE 1975) PP. 233-240.

1975 RUSSELL, D. L., AND T. H. BREDT
ERROR RESYNCHRONIZATION IN PRODUCER-CONSUMER SYSTEMS
ACM OPERATING SYSTEMS REVIEW, VOL. 9, NO. 5 (NOV. 1975) PP. 106-113.

1976 HECHT, H.
FAULT-TOLERANT SOFTWARE= MOTIVATION AND CAPABILITIES
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1976) PP. 377-393.

1976 JOHNSON, J. N., AND J. L. SHAW
FAULT-TOLERANT SOFTWARE FOR A DUAL PROCESSOR WITH MONITOR
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1976) PP. 395-407.

1976 DENNING, P. J.
FAULT TOLERANT OPERATING SYSTEM
COMPUTING SURVEYS, VOL. 8 (DEC. 1976) PP. 359-389.

1977 MORGAN, D. E., AND D. J. TAYLOR
A SURVEY OF METHODS OF ACHIEVING RELIABLE SOFTWARE
COMPUTER, VOL. 10, NO. 2 (FEB. 1977) PP. 44-53.

1977 MELLIAR-SMITH, P. M., AND B. RANDELL
SOFTWARE RELIABILITY= THE ROLE OF PROGRAMMED EXCEPTION HANDLING
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977) PP. 95-100.

1977 LOMET, D. B.
PROCESS STRUCTURING, SYNCHRONIZATION, AND RECOVERY USING ATOMIC ACTIONS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977) PP. 128-137.

1977 DESOUSA, P. T., AND F. P. MATHUR
MODULAR REDUNDANCY WITHOUT VOTERS DECREASES COMPLEXITY OF RESTORING ORGAN
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 801-806.

1977 RAMAMOORTHY, C. V., G. S. HO, AND Y. W. HAN
FAULT TREE ANALYSIS OF COMPUTER SYSTEMS
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 13-17.

1977 SU, S. Y. H., AND R. J. SPILLMAN
AN OVERVIEW OF FAULT-TOLERANT DIGITAL SYSTEM ARCHITECTURE
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 19-26.

**** THE FOLLOWING REFERENCES TREAT SYSTEM STRUCTURING ISSUES=

1965 VYSSOTSKY, V. A., F. J. CORBATO, AND R. M. GRAHAM
STRUCTURE OF THE MULTICS SUPERVISOR
AFIPS CONF. PROC., VOL. 27, PT. I (NOV. 1965/FJCC) PP. 203-212.

1968 DIJKSTRA, E. W.
THE STRUCTURE OF THE 'THE'-MULTIPROGRAMMING SYSTEM
COMM. ACM, VOL. 11 (MAY 1968) PP. 341-346.

1969 WIRTH, N.
ON MULTIPROGRAMMING, MACHINE CODING, AND COMPUTER ORGANIZATION
COMM. ACM, VOL. 12 (SEPT. 1969) PP. 489-498.

1970 HANSEN, P. B.
THE NUCLEUS OF A MULTIPROGRAMMING SYSTEM
COMM. ACM, VOL. 13 (APRIL 1970) PP. 238-241,250.

1971 DIJKSTRA, E. W.
HIERARCHICAL ORDERING OF SEQUENTIAL PROCESSES
IN OPERATING SYSTEMS TECHNIQUES, HOARE AND PERROTT, EDITORS
ACADEMIC PRESS, LONDON (1972) PP. 72-93.

1971 GOOS, G.
SOME BASIC PRINCIPLES IN STRUCTURING OPERATING SYSTEMS
IN OPERATING SYSTEMS TECHNIQUES, HOARE AND PERROTT, EDITORS
ACADEMIC PRESS, LONDON (1972) PP. 94-100.

1972 LISKOV, B. H.
THE DESIGN OF THE VENUS OPERATING SYSTEM
COMM. ACM, VOL. 15 (MARCH 1972) PP. 144-149.

1972 GAINES, R. S.
AN OPERATING SYSTEM BASED ON THE CONCEPT OF A SUPERVISORY COMPUTER
COMM. ACM VOL. 15 (MARCH 1972) PP. 150-156

1972 FARBER, D. J., AND K. C. LARSON
THE STRUCTURE OF A DISTRIBUTED COMPUTING SYSTEM--SOFTWARE
PROC. SYMP. ON COMPUTER-COMMUNICATIONS NETWORKS AND TELETRAFFIC,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1972) PP. 539-545.

1972 HANSEN, P. B.
STRUCTURED MULTI-PROGRAMMING
COMM. ACM, VOL. 15 (JULY 1972) PP. 574-578.

1972 LISKOV, B. H.
A DESIGN METHODOLOGY FOR RELIABLE SOFTWARE SYSTEMS
AFIPS CONF. PROC., VOL. 41, PT. I (DEC. 1972/FJCC) PP. 191-199.

1972 PARNAS, D. L.
ON THE CRITERIA TO BE USED IN DECOMPOSING SYSTEMS INTO MODULES
COMM. ACM, VOL. 15 (DEC. 1972) PP. 1053-1058.

1973 HORNING, J. J., AND B. RANDELL
PROCESS STRUCTURING
COMPUTING SURVEYS, VOL. 5 (MARCH 1973) PP. 5-30.

1973 MEALY, G. H.
THE SEARCH FOR A THIRD GENERATION OPERATING SYSTEM
HARVARD UNIVERSITY, CENTER FOR RESEARCH IN COMPUTING TECHNOLOGY
REPORT NO. 15-73 (NOV. 1973)

1974 HORNING, J. J., H. C. LAUER, P. M. MELLIAR-SMITH, AND B. RANDELL
A PROGRAM STRUCTURE FOR ERROR DETECTION AND RECOVERY
IN OPERATING SYSTEMS, GELENBE AND KAISER, EDS., SPRINGER-VERLAG,
BERLIN (1974) PP. 171-187.

1974 LAY, W. M., D. L. MILLS, AND M. V. ZELKOWITZ
OPERATING SYSTEMS ARCHITECTURE FOR A DISTRIBUTED COMPUTER NETWORK
PROC. SYMPOSIUM ON COMPUTER NETWORKS= TRENDS AND APPLICATIONS,
GAITHERSBURG, MARYLAND (MAY 1974) PP. 39-43.

1974 HOARE, C. A. R.
MONITORS= AN OPERATING SYSTEM STRUCTURING CONCEPT
COMM. ACM, VOL. 17 (OCT. 1974) PP. 549-557.

1974 DIJKSTRA, E. W.
SELF-STABILIZING SYSTEMS IN SPITE OF DISTRIBUTED CONTROL
COMM. ACM, VOL. 17 (NOV. 1974) PP. 643-644.

1974 ZELKOWITZ, M. V.
STRUCTURED OPERATING SYSTEM ORGANIZATION
INFORMATION PROCESSING LETTERS, VOL. 3, NO. 2 (NOV. 1974) PP. 39-42.

1975 RANDELL, B.
SYSTEM STRUCTURE FOR SOFTWARE FAULT TOLERANCE
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-1 (JUNE 1975) PP. 220-232.

1975 BERNSTEIN, A. J., AND P. SIEGEL
A COMPUTER ARCHITECTURE FOR LEVEL STRUCTURED SYSTEMS
IEEE TRANS. COMPUTERS, VOL. C-24 (AUG. 1975) PP. 785-793.

1975 ANDERSON, L. D.
DISCIPLINED SOFTWARE DEVELOPMENT UTILIZING A HARDWARE-STRUCTURED EXECUTIVE
IEEE EASCON '75 DIGEST (SEPT. 1975)

1976 ROTHMULLER, K.
TASK PARTITIONING IN PROGRAMMABLE LOGIC SYSTEMS
COMPUTER, VOL. 9, NO. 1 (JAN. 1976) PP. 19-24.

1976 MAHMOUD, S., AND J. S. RIORDON
OPTIMAL ALLOCATION OF RESOURCES IN DISTRIBUTED INFORMATION NETWORKS
ACM TRANS. DATABASE SYSTEMS, VOL. 1 (MARCH 1976) PP. 66-78.

1976 KRAKOWIAK, S., M. LUCAS, J. MONTUELLE, AND J. MOSSIERE
A MODULAR APPROACH TO THE STRUCTURED DESIGN OF OPERATING SYSTEMS
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1976) PP. 57-73.

1976 HABERMANN, A. N., L. FLON, AND L. COOPRIDER
MODULARIZATION AND HIERARCHY IN A FAMILY OF OPERATING SYSTEMS
COMM. ACM, VOL. 19 (MAY 1976) PP. 266-272.

1976 JENSEN, E. D., K. J. THURBER, AND G. M. SCHNEIDER
A REVIEW OF SYSTEMATIC METHODS IN DISTRIBUTED PROCESSOR INTERCONNECTION
IEEE INT. CONF. COMMUNICATIONS, PHILADELPHIA, PA (JUNE 1976)

1976 LINDEN, T. A.
OPERATING SYSTEM STRUCTURES TO SUPPORT SECURITY AND RELIABLE SOFTWARE
NBS TECT. NOTE NO. 919 (AUG. 1976) 51 PAGES.

1976 JENSEN, E. D., AND W. E. BOEBERT
PARTITIONING AND ASSIGNMENT OF DISTRIBUTED PROCESSING SOFTWARE
DIGEST OF PAPERS, FALL '76 COMPCON (SEPT. 1976) PP. 348-352.

1976 PARNAS, D. L., G. HANDZEL, AND H. WURGES
DESIGN AND SPECIFICATION OF THE MINIMAL SUBSET
OF AN OPERATING SYSTEM FAMILY
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-2 (DEC. 1976) PP. 301-307.

1977 ROBINSON, L., K. N. LEVITT, P. G. NEUMANN, AND A. R. SAXENA
A FORMAL METHODOLOGY FOR THE DESIGN OF OPERATING SYSTEM SOFTWARE
IN CURRENT TRENDS IN PROGRAMMING METHODOLOGY, VOL. I, R. T. YEH, EDITOR
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1977) PP. 61-110.

1977 ENSLOW, P. H., JR.
MULTIPROCESSOR ORGANIZATION--A SURVEY
COMPUTING SURVEYS, VOL. 9 (MARCH 1977) PP. 103-129.

1977 LOMET, D. B.
PROCESS STRUCTURING, SYNCHRONIZATION, AND RECOVERY USING ATOMIC ACTIONS
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977) PP. 128-137.

1977 MORGAN, H. L., AND K. D. LEVIN.
OPTIMAL PROGRAM AND DATA LOCATIONS IN COMPUTER NETWORKS
COMM. ACM, VOL. 20 (MAY 1977) PP. 315-322.

1977 BRANTLEY, W. C., JR., G. W. LEIVE, AND D. P. SIEWIOREK
DECOMPOSITION OF DATA FLOW GRAPHS ON MULTIPROCESSORS
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 379-388.

1977 JONES, A. K., R. J. CHANSLER, JR., I. DURHAM, P. FEILER, AND K. SCHWANS
SOFTWARE MANAGEMENT OF CM*--A DISTRIBUTED MULTIPROCESSOR
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 657-663.

1977 SWEET, A. F., AND A. E. OLDEHOEFT
AUTOMATED CONTROL OF CONCURRENCY IN MULTI-USER HIERARCHICAL
INFORMATION SYSTEMS
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 907-918.

1977 NUTT, G. J.
A PARALLEL PROCESSOR OPERATING SYSTEM COMPARISON
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-3 (NOV. 1977) PP. 467-475.

**** THE FOLLOWING REFERENCES TREAT EITHER PROGRAMMING OR CONTROL LANGUAGES=

1968 GENUYS, F., EDITOR
PROGRAMMING LANGUAGES
ACADEMIC PRESS, LONDON (1968)

1958 GILL, S.
PARALLEL PROGRAMMING
COMPUTER J., VOL. 1 (APRIL 1958) PP. 2-10.

1965 OPLER, A.
PROCEDURE-ORIENTED LANGUAGE STATEMENTS TO FACILITATE PARALLEL PROCESSING
COMM. ACM, VOL. 8 (MAY 1965) PP. 306-307.

1966 DENNIS, J. B., AND E. C. VAN HORN
PROGRAMMING SEMANTICS FOR MULTIPROGRAMMED COMPUTATIONS
COMM. ACM, VOL. 9 (MARCH 1966) PP. 143-155.

1969 WIRTH, N.
ON MULTIPROGRAMMING, MACHINE CODING, AND COMPUTER ORGANIZATION
COMM. ACM, VOL. 12 (SEPT. 1969) PP. 489-498.

1973 MORRIS, J. H., JR.
PROTECTION IN PROGRAMMING LANGUAGES
COMM. ACM, VOL. 16 (JAN. 1973) PP. 15-21.

1977 AMBLER, A. L., AND C. G. HOCH
A STUDY OF PROTECTION IN PROGRAMMING LANGUAGES
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977) PP. 25-40.

1976 WEGNER, P.
PROGRAMMING LANGUAGES--THE FIRST 25 YEARS
IEEE TRANS. COMPUTERS, VOL. C-25 (DEC. 1976) PP. 1207-1225.

1977 ANDREWS, G. R., AND J. R. MCGRAW
LANGUAGE FEATURES FOR PROCESS INTERACTION
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977) PP. 114-127.

1977 WORTMAN, D. B., EDITOR
PROC. ACM CONF. ON LANGUAGE DESIGN FOR RELIABLE SOFTWARE
SHERATON-CRABTREE INN, RALEIGH, NC (MARCH 28-30, 1977)
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 2 (APRIL 1977)

1977 HANSEN, P. B.
EXPERIENCE WITH MODULAR CONCURRENT PROGRAMMING
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-3 (MARCH 1977) PP. 156-159.

1977 BAER, JEAN-LOUP, AND C. S. ELLIS
MODEL, DESIGN, AND EVALUATION OF A COMPILER FOR A PARALLEL PROCESSING ENVIRONMENT
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-3 (NOV. 1977) PP. 394-405.

1975 DAKIN, R. J.
A GENERAL CONTROL LANGUAGE= LANGUAGE STRUCTURE AND TRANSLATION
COMPUTER J., VOL. 18 (NOV. 1975) PP. 324-332.

1976 BRUNT, R. F., AND D. E. TUFFS
A USER-ORIENTED APPROACH TO CONTROL LANGUAGES
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (1976) PP. 93-108.

1971 WULF, W. A., D. B. RUSSELL, AND A. N. HABERMANN
BLISS= A LANGUAGE FOR SYSTEMS PROGRAMMING
COMM. ACM, VOL. 14 (DEC. 1971) PP. 780-790.

1972 WULF, W. A.
SYSTEMS FOR SYSTEM IMPLEMENTORS--SOME EXPERIENCES FROM BLISS
AFIPS CONF. PROC., VOL. 41, PT. II (DEC. 1972/FJCC) PP. 943-948.

1975 LAWRIE, D. H., T. LAYMAN, D. BAER, AND J. M. RANDAL
GLYPNIR- A PROGRAMMING LANGUAGE FOR ILLIAC IV
COMM. ADM, VOL. 18 (MARCH 1975) PP. 157-164.

1966 DAHL, O.-J., AND K. NYGAARD
SIMULA--AN ALGOL-BASED SIMULATION LANGUAGE
COMM. ACM, VOL. 9 (SEPT 1966) PP. 671-678.

1973 BIRTWISTLE, G. M., O.-J. DAHL, B. MYHRHAUG, AND K. NYGAARD
SIMULA BEGIN
AUERBACH PUBLISHERS, PHILADELPHIA, PA (1973)

1971 WIRTH, N.
THE PROGRAMMING LANGUAGE PASCAL
ACTA INFORMATICA, VOL. 1 (1971) PP. 35-63.

1973 HOARE, C. A. R., AND N. WIRTH
AN AXIOMATIC DEFINITION OF THE PROGRAMMING LANGUAGE PASCAL
ACTA INFORMATICA, VOL. 2 (1973) PP. 335-355.

1973 HABERMANN, A. N.
CRITICAL COMMENTS ON THE PROGRAMMING LANGUAGE PASCAL
ACTA INFORMATICA, VOL. 3 (1973) PP. 47-57.

1974 JENSEN, K., AND N. WIRTH
PASCAL--USER MANUAL AND REPORT
SPRINGER-VERLAG, NEW YORK (1974)

1975 LECARME, O., AND P. DESJARDINS
MORE COMMENTS ON THE PROGRAMMING LANGUAGE PASCAL
ACTA INFORMATICA, VOL. 4 (1975) PP. 231-243.

1975 WIRTH, N.
AN ASSESSMENT OF THE PROGRAMMING LANGUAGE PASCAL
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-1 (JUNE 1975) PP. 192-198.

1975 HANSEN, P. B.
THE PROGRAMMING LANGUAGE CONCURRENT PASCAL
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-1 (JUNE 1975) PP. 199-207.

1976 HANSEN, P. B.
THE SOLO OPERATING SYSTEM= A CONCURRENT PASCAL PROGRAM
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (JUNE 1976) PP. 141-149.

1977 HARTMANN, A. C.
A CONCURRENT PASCAL COMPILER
SPRINGER-VERLAG, BERLIN (1977)

1977 SILBERSCHATZ, A., R. B. KIEBURTZ, AND A. J. BERNSTEIN
EXTENDING CONCURRENT PASCAL TO ALLOW DYNAMIC RESOURCE MANAGEMENT
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-3 (MAY 1977) PP. 210-217.

1977 LOHR, KLAUS-PETER
BEYOND CONCURRENT PASCAL
ACM OPERATING SYSTEMS REVIEW, VOL. 11, NO. 5 (NOV. 1977) PP. 173-180.

1977 POHLE, W. L.
SPL/I-GP EXEC FEASIBILITY DEMONSTRATION FOR AN ADVANCED SIGNAL PROCESSOR
NAVAL AIR DEVELOPMENT CENTER, WARMINSTER, PA
REPORT NO. NADC-78022-50 (1 OCT. 1977)

1978 FISHER, D. A.
DOD'S COMMON PROGRAMMING LANGUAGE EFFORT
COMPUTER, VOL. 11, NO. 3 (MARCH 1978) PP. 24-33.

**** THE FOLLOWING REFERENCES TREAT FORMAL MODELS/VERIFICATION TECHNIQUES=

1972 NUTT, G. J.
EVALUATION NETS FOR COMPUTER PERFORMANCE ANALYSIS
AFIPS CONF. PROC., VOL. 41, PT. I (DEC. 1972/FJCC) PP. 279-286.

1973 BAER, J. L.
A SURVEY OF SOME THEORETICAL ASPECTS OF MULTIPROCESSING
COMPUTING SURVEYS, VOL. 5 (MARCH 1973) PP. 31-80.

1973 MILLER, R. E.
A COMPARISON OF SOME THEORETICAL MODELS OF PARALLEL COMPUTATION
IEEE TRANS. COMPUTERS, VOL. C-22 (AUG. 1973) PP. 710-717.
1973 NOE, J. D., AND G. J. NUTT
MACRO E-NETS FOR REPRESENTATION OF PARALLEL SYSTEMS
IEEE TRANS. COMPUTERS, VOL. C-22 (AUG. 1973) PP. 718-727.

1974 BAER, JEAN-LOUP
MODELS FOR THE DESIGN, SIMULATION, AND PERFORMANCE OF
DISTRIBUTED-FUNCTION ARCHITECTURE
COMPUTER, VOL. 7, NO. 3 (MARCH 1974) PP. 25-30.

1974 POPEK, G. J., AND C. S. KLINE
VERIFIABLE SECURE OPERATING SYSTEM SOFTWARE
AFIPS CONF. PROC., VOL. 43 (MAY 1974/NCC) PP. 145-151.

1976 ALFORD, M. W., AND I. F. BURNS
R-NETS= A GRAPH MODEL FOR REAL-TIME SOFTWARE REQUIREMENTS
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1976) PP. 97-108.

1976 GREIF, I.
FORMAL PROBLEM SPECIFICATIONS FOR READERS AND WRITERS SCHEDULING
PROC. SYMP. ON COMPUTER SOFTWARE ENGINEERING,
POLYTECHNIC PRESS, BROOKLYN, NY (APRIL 1976) PP. 225-238.

1976 HOWARD, J. H.
PROVING MONITORS
COMM. ACM, VOL. 19 (MAY 1976) PP. 273-279.

1976 MILLEN, J. K.
SECURITY KERNEL VALIDATION IN PRACTICE
COMM. ACM, VOL. 19 (MAY 1976) PP. 243-250.

1976 OWICKI, S., AND D. GRIES
VERIFYING PROPERTIES OF PARALLEL PROGRAMS= AN AXIOMATIC APPROACH
COMM. ACM, VOL. 19 (MAY 1976) PP. 279-285.

1976 KELLER, R. M.
FORMAL VERIFICATION OF PARALLEL PROGRAMS
COMM. ACM, VOL. 19 (JULY 1976) PP. 371-384.

1976 SAXENA, A. R., AND T. H. BREDT
VERIFICATION OF A MONITOR SPECIFICATION
PROC. SECOND INT. CONF. SOFTWARE ENGRG. (OCT. 1976) PP. 53-59.

1976 ZAVE, P.
ON THE FORMAL DEFINITION OF PROCESSES
PROC. 1976 INT. CONF. ON PARALLEL PROCESSING, IEEE NO. 76CH1127-0C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 3 (AUG. 1976) PP. 35-42.

1977 STONE, H. S.
MULTIPROCESSOR SCHEDULING WITH THE AID OF NETWORK FLOW ALGORITHMS
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-3 (JAN. 1977) PP. 85-93.

1977 HENDERSON, P. B., AND Y. ZALCSTEIN
A GRAPH-THEORETIC CHARACTERIZATION OF THE PV-CHUNK CLASS
OF SYNCHRONIZING PRIMITIVES
SIAM J. COMPUTING, VOL. 6 (MARCH 1977) PP. 88-108.

1977 BRANTLEY, W. C., JR., G. W. LEIVE, AND D. P. SIEWIOREK
DECOMPOSITION OF DATA FLOW GRAPHS ON MULTIPROCESSORS
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 379-388.

1977 FIRESTONE, R. M.
AN ANALYTIC MODEL FOR PARALLEL COMPUTATIONS
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 469-474.

1977 MURATA, T.
PETRI NETS, MARKED GRAPHS, AND CIRCUIT-SYSTEM THEORY
CIRCUITS AND SYSTEMS, VOL. 11, NO. 3 (JUNE 1977) PP. 2-12.

1977 RAMAMOORTHY, C. V., G. S. HO, AND Y. W. HAN
FAULT TREE ANALYSIS OF COMPUTER SYSTEMS
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 13-17.

1977 PETERSON, J. L.
PETRI NETS
COMPUTING SURVEYS, VOL. 9 (SEPT. 1977) PP. 223-252.

**** THE FOLLOWING REFERENCES TREAT CONCURRENT OR PARALLEL PROCESSING=

1958 GILL, S.
PARALLEL PROGRAMMING
COMPUTER J., VOL. 1 (APRIL 1958) PP. 2-10.

1965 OPLER, A.
PROCEDURE-ORIENTED LANGUAGE STATEMENTS TO FACILITATE PARALLEL PROCESSING
COMM. ACM, VOL. 8 (MAY 1965) PP. 306-307.

1966 BERNSTEIN, A. J.
ANALYSIS OF PROGRAMS FOR PARALLEL PROCESSING
IEEE TRANS. ELECTRONIC COMPUTERS, VOL. EC-15 (OCT. 1966) PP. 757-763.

1966 LEHMAN, M.
A SURVEY OF PROBLEMS AND PRELIMINARY RESULTS CONCERNING PARALLEL PROCESSING AND PARALLEL PROCESSORS
PROC. IEEE, VOL. 54 (DEC. 1966) PP. 1889-1901.

1969 ROSENFELD, J. L.
A CASE STUDY IN PROGRAMMING FOR PARALLEL-PROCESSORS
COMM. ACM, VOL. 12 (DEC. 1969) PP. 645-655.

1971 BREDT, T. H.
ANALYSIS OF PARALLEL SYSTEMS
IEEE TRANS. COMPUTERS, VOL. C-20 (NOV. 1971) PP. 1400-1407.

1971 HOARE, C. A. R.
TOWARDS A THEORY OF PARALLEL PROGRAMMING
IN OPERATING SYSTEMS TECHNIQUES, HOARE AND PERROTT, EDITORS
ACADEMIC PRESS, LONDON (1972) PP. 61-71.

1972 LORIN, H.
PARALLELISM IN HARDWARE AND SOFTWARE
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1972)

1972 GONZALEZ, M. J., JR., AND C. V. RAMAMOORTHY
PARALLEL TASK EXECUTION IN A DECENTRALIZED SYSTEM
IEEE TRANS. COMPUTERS, VOL. C-21 (DEC. 1972) PP. 1310-1322.

1973 KING, P. F., AND A. J. COLLMEYER
DATABASE SHARING--AN EFFICIENT MECHANISM FOR SUPPORTING CONCURRENT PROCESSES
AFIPS CONF. PROC., VOL. 42 (JUNE 1973/NCC) PP. 271-275.

1973 MILLER, R. E.
A COMPARISON OF SOME THEORETICAL MODELS OF PARALLEL COMPUTATION
IEEE TRANS. COMPUTERS, VOL. C-22 (AUG. 1973) PP. 710-717.

1973 NOE, J. D., AND G. J. NUTT
MACRO E-NETS FOR REPRESENTATION OF PARALLEL SYSTEMS
IEEE TRANS. COMPUTERS, VOL. C-22 (AUG. 1973) PP. 718-727.

1973 HANSEN, P. B.
CONCURRENT PROGRAMMING CONCEPTS
COMPUTING SURVEYS, VOL. 5 (DEC. 1973) PP. 223-245.

1974 LAMPORT, L.
THE PARALLEL EXECUTION OF DO LOOPS
COMM. ACM, VOL. 17 (FEB. 1974) PP. 83-93.

1974 LAMPORT, L.
A NEW SOLUTION OF DIJKSTRA'S CONCURRENT PROGRAMMING PROBLEM
COMM. ACM, VOL. 17 (AUG. 1974) PP. 453-455.

1975 FENG, T., EDITOR
PARALLEL PROCESSING
SPRINGER-VERLAG, BERLIN (1975)

1976 OWICKI, S., AND D. GRIES
VERIFYING PROPERTIES OF PARALLEL PROGRAMS= AN AXIOMATIC APPROACH
COMM. ACM, VOL. 19 (MAY 1976) PP. 279-285.

1976 KELLER, R. M.
FORMAL VERIFICATION OF PARALLEL PROGRAMS
COMM. ACM, VOL. 19 (JULY 1976) PP. 371-384.

1976 KAUBISCH, W. H., R. H. PERROTT, AND C. A. R. HOARE
QUASIPARALLEL PROGRAMMING
SOFTWARE-PRACTICE AND EXPERIENCE, VOL. 6 (1976) PP. 341-356.

1976 TJADEN, G. S.
HIERARCHICAL PROPERTIES OF CONCURRENCY
PROC. 1976 INT. CONF. ON PARALLEL PROCESSING, IEEE NO. 76CH1127-0C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 3 (AUG. 1976) PP. 55-64.

1977 HANSEN, P. B.
THE ARCHITECTURE OF CONCURRENT PROGRAMS
PRENTICE-HALL, ENGLEWOOD CLIFFS, NJ (1977)

1977 NUTT, G. J.
MICROPROCESSOR IMPLEMENTATION OF A PARALLEL PROCESSOR
PROC. FOURTH ANNUAL SYMP. COMPUTER ARCHITECTURE, IEEE NO. 77CH1182-5C
ACM COMPUTER ARCHITECTURE NEWS, VOL. 5, NO. 7 (MARCH 1977) PP. 147-152.

1977 WALLACH, Y.
SCHEDULING ALGORITHMS FOR CONCURRENT EXECUTION
COMPUTER J., VOL. 20 (MAY 1977) PP. 132-136.

1977 FIRESTONE, R. M.
AN ANALYTIC MODEL FOR PARALLEL COMPUTATIONS
AFIPS CONF. PROC., VOL. 46 (JUNE 1977/NCC) PP. 469-474.

1977 PETERSON, J. L.
PETRI NETS
COMPUTING SURVEYS, VOL. 9 (SEPT. 1977) PP. 223-252.

1977 BAER, JEAN-LOUP, AND C. S. ELLIS
MODEL, DESIGN, AND EVALUATION OF A COMPILER FOR A PARALLEL PROCESSING ENVIRONMENT
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-3 (NOV. 1977) PP. 394-405.

1977 NUTT, G. J.
A PARALLEL PROCESSOR OPERATING SYSTEM COMPARISON
IEEE TRANS. SOFTWARE ENGRG., VOL. SE-3 (NOV. 1977) PP. 467-475.

**** THE FOLLOWING REFERENCES TREAT DISTRIBUTED DATA-BASE ISSUES=

1969 SHOSHANI, A., AND A. J. BERNSTEIN
SYNCHRONIZATION IN A PARALLEL-ACCESSED DATA BASE
COMM. ACM, VOL. 12 (NOV. 1969) PP. 604-607.

1973 KING, P. F., AND A. J. COLLMEYER
DATABASE SHARING--AN EFFICIENT MECHANISM FOR SUPPORTING CONCURRENT PROCESSES
AFIPS CONF. PROC., VOL. 42 (JUNE 1973/NCC) PP. 271-275.

1976 CHANDY, K. M., AND J. E. HEWES
FILE ALLOCATION IN DISTRIBUTED SYSTEMS
PROC. INT. CONF. COMPUTER PERFORMANCE MODELING, MEASUREMENT AND EVALUATION HARVARD UNIVERSITY, CAMBRIDGE, MA (MARCH 1976) PP. 10-13.

1976 MAHMOUD, S., AND J. S. RIORDON
OPTIMAL ALLOCATION OF RESOURCES IN DISTRIBUTED INFORMATION NETWORKS
ACM TRANS. DATABASE SYSTEMS, VOL. 1 (MARCH 1976) PP. 66-78.

1976 MAHMOUD, S., AND J. S. RIORDON
PROTOCOL CONSIDERATIONS FOR SOFTWARE CONTROLLED ACCESS METHODS IN DISTRIBUTED DATA BASES
PROC. INT. CONF. COMPUTER PERFORMANCE MODELING, MEASUREMENT AND EVALUATION HARVARD UNIVERSITY, CAMBRIDGE, MA (MARCH 1976) PP. 241-264.

1976 ESWARAN, K. P., J. N. GRAY, R. A. LORIE, AND I. L. TRAIGER
THE NOTIONS OF CONSISTENCY AND PREDICATE LOCKS IN A DATABASE SYSTEM
COMM. ACM, VOL. 19 (NOV. 1976) PP. 624-

1977 ELLIS, C. A.
A ROBUST ALGORITHM FOR UPDATING DUPLICATE DATABASES
PROC. SECOND BERKELEY WORKSHOP ON DISTRIBUTED DATA MANAGEMENT AND COMPUTER NETWORKS, BERKELEY, CALIF. (MAY 1977) PP. 146-158.

1977 ROSENKRANTZ, D. J., R. E. STEARNS, AND P. M. LEWIS
A SYSTEM LEVEL CONCURRENCY CONTROL FOR DISTRIBUTED DATABASE SYSTEMS
PROC. SECOND BERKELEY WORKSHOP ON DISTRIBUTED DATA MANAGEMENT AND COMPUTER NETWORKS, BERKELEY, CALIF. (MAY 1977) PP. 132-145.

1977 PARDO, R., M. T. LIU, AND G. A. BABIC
DISTRIBUTED SERVICES IN COMPUTER NETWORKS= DESIGNING THE DISTRIBUTED LOOP DATA BASE SYSTEM (DLDBS)
PROC. COMPUTER NETWORKING SYMP., GAITHERSBURG, MD (DEC. 1977) PP. 60-65.

1977 DENOIA, L. A.
DISTRIBUTED DATABASE ISSUES
NAVAL UNDERWATER SYSTEMS CENTER, TECH. MEMO NO. 771248 (DEC. 1977)

1978 PEEBLES, R., AND E. MANNING
SYSTEM ARCHITECTURE FOR DISTRIBUTED DATA MANAGEMENT
COMPUTER, VOL. 11, NO. 1 (JAN. 1978) PP. 40-47.

1978 MARYANSKI, F. J.
A SURVEY OF DEVELOPMENTS IN DISTRIBUTED DATA BASE MANAGEMENT SYSTEMS
COMPUTER, VOL. 11, NO. 2 (FEB. 1978) PP. 28-38.

REFERENCE BIBLIOGRAPHY ON OPERATING SYSTEM DESIGN ISSUES FOR DISTRIBUTED SYSTEMS (First Release)
TM No. 781065
C. R. Arnold
Special Projects Department
Advanced Systems Technology Division
J.O. #A99250
3 April 1978
UNCLASSIFIED

DISTRIBUTION LIST

External:

Prof. Alan Batson, Univ. of VA
Dr. Forest Baskett, Los Alamos
Prof. Arthur Bernstein, SUNY
Prof. J. C. Browne, Univ. of TX
William Corwin, Carnegie-Mellon U.
Prof. Peter J. Denning, Purdue Univ.
Prof. Jack B. Dennis, MIT
Prof. R. S. Fabry, Berkley
Prof. W. R. Franta, U. Minn.
Prof. Ugo O. Gagliardi, Harvard Univ.
Dr. Robert L. Gordon, Prime Computer Inc.
Prof. Scott G. Graham, Univ. of Toronto
Prof. A. Nico Habermann, Carnegie-Mellon U.
Prof. Richard Holt, Univ. of Toronto
Dr. John H. Howard, IBM Research
Prof. Edgar T. Irons, Yale Univ.
Prof. Anita K. Jones, Carnegie-Mellon Univ.
Leslie Lamport, Massachusetts Computer Associates
Dr. Butler W. Lampson, XEROX
Prof. Roger M. Needham, Cambridge University
Prof. James L. Peterson, Univ. of TX
Prof. D. L. Parnas, Univ. of NC
Prof. Gerald Popek, UCLA
Dr. Barton G. Prieve, Bell Laboratories
Dr Juan Rodriquez-Rosell, IBM
Prof. Jerome H. Saltzer, MIT
Prof. Ashok R. Saxena, Univ. of CO
Chris Tomlinson, Burroughs Corp.
William A. Wulf, Carnegie-Mellon U.
NAVSEA - W. H. Hill (00G)
P. Andrews (034)
LCDR Mitchell Jr. (06H2)
L. Epperly (06H2)
A. Norden (06H2)
CDR Stanley (6112)
CAPT Strader (615)
T. Lyons (661D)
C. Lawson, 0328)

NAVMAT - J. Grosson (08B)
CDR Dietzler (08T)
CAPT Reiher (09Y)
CDR Cooper (09Y)
NAVSEC - CAPT Drenkard (6172)
CDR Elkins (6172)
P. Hoskins (6172)
T. Murphy (6178)
H. Kloehn (6179)
NSWC/Dahlgren - W. Warner
J. Miller
J. Straub
G. O'Neil
J. Perry
R. Hein
NOSC - Dr. Kolb
D. Eddington
R. Eyres
D. Mudd
D. Doherty, 8241

Internal:
Code 01 (Dr. Pryor)
Code 313 (C. Arnold) (30 copies)
Code 314 (Dr. Lamb)
(L. DeNoia)
(R. Howbrigg)
(J. Shores)
Code 325 (W. Coggins)
(R. Leask)
Code 3315 (D. Counsellor)
Code 3401 (Dr. Dence)
Code 3521 (T. Conrad)
(R. Converse)
Code 3524 (A. Droitcour)
Code 4522 (NLON Library) (3 copies)
Code 4521 (NPT Library)
Code 45132 (Distribution Center) (10 copies)
Code 45302 (R. Bernier)

External: 58
Internal: 57
Total: 115