

Ruth Gregory R. 962	Protosystem 1: An Automatic Programming System Prototype Gregory R. Ruth Lab. for Computer Science, Massachusetts Institute of Technology (MIT/LCS/IM-72) - July 1976
Rutherford 4007	Rutherford Laboratory 1978 Rutherford Rutherford - 1978
Rutherford 4008	Rutherford Laboratory 1978 Rutherford Rutherford - 1978
Rutherford 4009	The Work of the Rutherford Laboratory 1976 Rutherford Rutherford - 1976
Rutherford Laborat 2429	The Work of the Rutherford Laboratory, 1976 Rutherford Laboratory Rutherford Laboratory - 1976
Rutherford Laborat 2420	The work of the Rutherford Laboratory, 1975 Rutherford Laboratory Rutherford Laboratory - 1975
Rutishauser H 4640 (JES/Naur/1963)	Revised Report on th Algrithmic Language ALGOL 60 Peter Naur, J W Backus, F L Bauer, J Green, C Katz, J McCarthy, A J Perlis, H Rutishauser, K Samelson, B Vauquois, J H Wegstein, A van Wijngaarden and M Woodger (Communications of the ACM Jan 1963) - 1963
Rutledge J.D. 1077	RS-Machines with Almost Blank Tape C.C. Elgot and J.D. Rutledge IBM Research(RC 870) - December 14 1962
Rutledge J.D. 1083	Program Schemata as Automata Part I J.D. Rutledge IBM Research(RC 3098) - August 20 1970
Rutledge J.D. 1085	Parallel Processes Schemata and Transformations J.D. Rutledge IBM Research(RC 2912) - June 15 1970
Ruzzo Walter L 1807	On Protection in Operating Systems Michael A Harrison, walter L Ruzzo and Jeffrey D Ullman University of California
Rzevski G 4301	Synopsis for book, Algorithms for the Assessment of System Reliability G Rzevski and R G Bennetts Kingston Polytechnic
Saarinen Mikko 2436	The Compiler Writing System HLP (Helsinki Language Processor) Kari-Jouko Raiha, Mikko Saarinen, Elias Soisalon-Soininen, Martti Tienari Department of Computer Science, University of Helsinki, Finland(REPORT-A-1978-2) - 1978
Saber N. 1050	Information Processing Language V Manual - Section II Programmers' Reference Manual A Newell, F M Tonge, E A Feigenbaum, G H Mealy - Mathematics

Division, The RAND Corporation, N Saber, B F Green Jr., A K Wolf  
The RAND Corporation, California(P-1918) - 31 March 1960

Saber N.  
1056  
Information processing Language V Manual - Section 1. The Elements of IPL Programming  
A Newell, F M Tonge, E A Feigenbaum, G H Mealy - Mathematics Division, The RAND Corporation, N Saber, B F Green Jr., A K Wolf Wolf  
The RAND Corporation, California(P-1897) - May 16 1960

Sacerdote George S  
4691  
(JES/Sacerdote)  
The decidability of the reachability problem for vector addition systems  
George S Sacerdote and Richard L Tenney  
Computer and Information Science, Univ of Massachusetts(77-3) - 1977

Sacerdoti Earl  
2003  
A Preliminary QLisp Manual  
Rene Reboh and Earl Sacerdoti  
Stanford Research Institute(Tech Note 81) - August 1973

Sagan C  
1906  
Communications with extra-terrestrial intelligence  
C Sagan  
MIT Press - 1973

Sajaniemi Jorma  
1304  
An Implementation of Pascal on the Burroughs B6700  
Hanno Erkiö, Jorma Sajaniemi and Antti Salava  
Dept. of Computer Science, University of Helsinki(A-1977-1) - 1977

Sajaniemi Jorma  
1302  
English-Finnish Vocabulary of the Definition and Implementation of Programming Languages  
Kari-Jouko Raina, Jorma Sajaniemi and Esko Ukkonen  
Dept. of Computer Science, University of Helsinki(A-1977-2) - 1977

Sajaniemi Jorma  
2417  
Describing Transfer of Control with the Help of Definitional Interpreters  
Jorma Sajaniemi  
Department of Computer Science, University of Helsinki, Finland(Report A-1977-6) - 1977

Sakuma Koiti  
2325  
Algol N  
Isurane Iwamura, Katsuhiko Kakehi, Koiti Sakuma, Takakazu Simauti, Eiiti Wada and Nobuo Yoneda  
Mathematicorum Universitatis sancit Pauli Tokyo - 1972

Salava Antti  
1304  
An Implementation of Pascal on the Burroughs B6700  
Hanno Erkiö, Jorma Sajaniemi and Antti Salava  
Dept. of Computer Science, University of Helsinki(A-1977-1) - 1977

Sale Arthur  
3736  
The Design of a Software Tool (Pascal Procedural Cross-Referencer)  
Arthur Sale  
Department of Information Science, University of Tasmania - December 1979

Sale Arthur H.J.  
1243  
Teaching Machine Architecture at an Introductory Level  
Arthur H.J. Sale and Allan G. Bromley  
Passer Dept. of Computer Science, University of Sydney - June 1974

- Salomaa Arto  
949  
Context-Free Grammars with Graph Controlled Tables  
Grzegorz Rozenberg and Arto Salomaa  
Department of Computer Science, University of Aarhus,  
Denmark(DAIMI PB-43) - January 1975
- Salter Jeremy A M  
4867  
(JES/Salter)  
Functional Computer Languages and Their Application to  
Systems Programming  
Jeremy A M Salter  
A/S Norsk Data-Elektronikk
- Salter S H  
382  
Tokyo-Edinburgh dialogue on robots in artificial  
intelligence research  
H G Barrow, D Michie, R J Popplestone and S H Salter  
Dept of Machine Intelligence, University of Edinburgh(Vol 14  
No 1)
- Saltzer J H  
362  
Technical and human engineering problems in connecting  
terminals to a time-sharing system  
J F Ussana and J H Saltzer  
Mass Inst of Tech
- Saltzer J H  
4855  
(JES/Saltzer)  
Typset and Runoff, Memorandum editor and Type-out commands  
J H Saltzer  
Massachusetts Institute of Technology(MAC-M-193-2) - January  
1965
- Saltzer J H  
253  
Remote terminal character stream processing in Multics  
J H Saltzer and J F Ussana
- Saltzer J H  
4135  
Advanced Computer Programming  
F J Corbato, J W Poduska and J H Saltzer  
MIT - 1963
- Saltzer J H  
363  
Remote terminal character stream processing in Multics  
J H Saltzer and J F Ussana  
Mass Inst of Tech
- Saltzer Jerome H  
310  
The Classroom Information and Computing Service  
David D Clark, Robert M Graham, Jerome H Saltzer and M D  
Schroeder  
Massachusetts Institute of Technology(MAC TR 80) - 11th  
January 1971
- Saltzman S  
2197  
CUPL-DP Preliminary Specification of a language for  
Introductory Instruction in the concepts of data Processing  
R Conway, H Krasnow, W Maxwell, H Morgan and S Saltzman  
Cornell University - December 13 1966
- Samelson K  
4640  
(JES/Naur/1963)  
Revised Report on th Algorithmic Language ALGOL 60  
Peter Naur, J W Backus, F L Bauer, J Green, C Katz, J  
McCarthy, A J Perlis, H Rutishauser, K Samelson, B Vauquois,  
J H Wegstein, A van Wijngaarden and M Woodger  
(Communications of the ACM Jan 1963) - 1963
- Samelson K  
876  
Report on the Algorithmic language Algol  
A J Perlis and K Samelson  
Springer-Verlag - Jan 1959
- Samet Hanan  
1240  
Automatically Proving the Correctness of Translations  
Involving Optimized Code  
Hanan Samet  
Computer Science Dept., Stanford University(STAN-CS-75-498)

- May 1975

- Sanderson J G      The Lambda Calculus, Lattice Theory and Reflexive Domains  
4856  
(JES/Sanderson)      J G Sanderson
- Sanderson J G      CIRRU, An Economical Multiprogram Computer with  
546      Microprogrammed Control  
M W Allen, I E Pearcey, J E Penny, G A Rose and J G  
Sanderson  
IEEE Transactions - December 1963
- Sanderson J G      The Lambda Calculus, Lattice Theory and Reflexive Domains  
4692  
(JES/Sanderson)      J G Sanderson
- Sanderson J G      A Contribution to the theory of Programming Languages  
284      J G Sanderson
- Sanderson J G      A Basis for a Theory of Programming Languages  
285      J G Sanderson
- Sanderson J.G.      The  $\lambda$  - Calculus, Lattice Theory, and Reflective Domains  
4828  
(JES/Sanderson)      J.G. Sanderson
- Sanderson John G      A Relational Theory of Computing  
3918      John G Sanderson  
Lecture Notes in Computer Science, Springer-Verlag(82) -  
1980
- Sanderson Peter C      Computer Languages  
2587      Peter C Sanderson  
Newnes-Butterworth(408 04303 2) - 1970
- Sandewall Erik      Programming in an interactive environment: the Lisp  
2110      experience  
ERIK Sandewall  
Matematiska institutionen, Linköping(LiTH-MAT-R-76-9) -  
1976
- Sandewall Erik      Self-Description and Reproduction in Distributed Programming  
3698      Systems  
Erik Sandewall  
Informatics Laboratory, Linköping University,  
Sweden(LiTH-MAT-R-79-22) - August 1979
- Sandewall Erik      Why Super routines are different from Subroutines  
3728      Erik Sandewall  
Informatics Laboratory, Linköping University,  
Sweden(LiTH-MAT-R-79-28) - November 1979
- Sandewall Erik      Some observations on conceptual programming  
1608      Erik Sandewall  
Department of Computer Sciences, Uppsala  
University(DLCheckiniskReference 75/19) - 1975
- Santo H      Rounding Control and the Algorithmic Language Algol 68  
1866      N Apostolatos, H Christ, H Santo and H Wippermann  
Universität Karlsruhe(6824) - June 1968

Santos C S oos  
4169  
A Uniform Logical Treatment of Queries and Updates  
T S E Maibaum, C S dos Santos and A L Furtago  
Faculty of Mathematics, University of Waterloo (Research  
Report CS-80-11) - February 1980

Satterthwaite E  
478  
Debugging Tools for High Level Languages  
E Satterthwaite  
Computing Lab, University of Newcastle upon Tyne - December  
1971

Satterthwaite E H  
4626  
(JES/Mitchell)  
On the Transfer of Control between Contexts  
B W Lampson, J G Mitchell and E H Satterthwaite  
Xerox Research Center, Palo Alto - 1974

Satterthwaite Edwi  
1242  
Source Language Debugging Tools  
Edwin H. Satterthwaite Jr.  
Computer Science Dept., Stanford University (STAN-CS-75-494)  
- May 1975

Satterwhaite E  
450  
Debugging tools for high level language  
E Satterwhaite  
Newcastle Computing Laboratory

Sauer C H  
2914  
Research Report - Computer Communication System Modeling  
with Extended Queueing Networks  
C H Sauer and E A MacNair  
IBM (RC 6654) - July 1977

Sauer Charles H  
1549  
Parametric Modeling of Multi-miniprocessor Systems  
Charles H Sauer  
IBM Research (RC 5978) - 7.5.76

Sauer Charles H  
2928  
Research Report - The Impact of Distributions and  
Disciplines on Multiple Processor Systems  
Charles H Sauer and K Mani Chandy  
IBM (RC 6621) - July 1977

Saunders Steve  
3090  
ALow-Cost 25 MIPS Digital Processor - Harp:  
Stan Kriz, Raj Reddy, Brian Rosen, Steven Rubin, Steve  
Saunders  
Carnegie-Mellon University (CMU-CS-78-106) - February 1978

Saunders Steven E  
4046  
Compiling Customized Executable Representations and  
Interpreters  
Steven E Saunders  
Department of Computer Science, Carnegie-Mellon  
University (CMU-CS-79-127) - June 1979

Saxe James B  
3898  
Transforming Static Data Structures to Dynamic Structures  
James B Saxe and Jon Louis Bentley  
Department of Computer Science, Carnegie-Mellon  
University (CMU-CS-79-141) - September 1979

Saxena Ashok  
1844  
On Attaining Reliable Software for a Secure Operating  
System  
Lawrence Robinson, Peter G Neumann, Karl N Levitt, Ashok  
Saxena  
Stanford Research Institute - April 1975

Saxena Ashok R  
1988  
An Efficient Implementation of Monitors and Condition  
Variables  
Asnok R Saxena  
Digital Systems Lab, Stanford University (Tech Note No 72) -

August 1975

- Saxena Ashok R  
1746  
A verified specification of a hierarchical operating system  
Ashok R Saxena  
Digital Systems Lab, Stanford University(107) - January  
1976
- Scarrott G G  
2795  
An Engineer's View of Complexity  
G G Scarrott  
International Computers Ltd. - May 1976
- Schaffert Craig  
2791  
Abstraction Mechanisms in CLU  
Barbara Liskov, Alan Snyder, Russell Atkinson and Craig  
Schaffert  
Massachusetts Institute of Technology(Computation Structures  
Group Memo 144) - October 1976
- Schaffert Craig  
4693  
(JES/Schaffert)  
A Methodology for the Specification and Proof of CLU  
Programs?  
Craig Schaffert  
May 1984
- Schart Tom  
1937  
Experience with the Use of Fortran in Commercial Oriented  
Projects  
Tom Schart  
Data Logic A/S
- Schatz Bruce R  
3786  
ICOL-Ada: An Intermediate Representation for the DDD  
Standard Programming Language  
Bruce R Schatz, Bruce W Leverett, Joseph M Newcomer, Andrew  
H Reiner and William A Wulf  
Department of Computer Science, Carnegie-Mellon  
University(CMU-CS-79-112) - March 1979
- Schauer Jakob  
4264  
Über Sequentialisierung Paralleler Prozesse  
Jakob Schauer  
Universität Karlsruhe, Fakultät für Informatik(13/79) -  
August 1979
- Schecher H  
3021  
Untersuchungen an Pipeline-rechnern  
H Schecher  
TUM(TUM-INFU-7811) - Juni 1978
- Schedigi H  
2256  
Algol 68M  
U Hill, H Schedigi and H Wossner  
Technische Hochschule München(7009)
- Scheifler Robert W  
3774  
A Denotational Semantics of CLU  
Robert William Scheifler  
Laboratory for Computer Science, Massachusetts Institute of  
Technology(MIT/LCS/IR-201) - May 1978
- Scheinman V.D.  
937  
Exploratory Study of Computer Integrated Assembly Systems  
I.D. Binford, D.D. Grossman, C.R. Liu, R.C. Bolles, R.A.  
Finkel, M.S. Mujtaba, M.D. Roderick, B.E. Shimano, R.H.  
Taylor, R.H. Goldman, J.P. Jarvis, V.D. Scheinman, I.A.  
Gafford  
National Science Foundation, Washington DC(SIAN-CS-76-568) -  
August 1976
- Scheinman V.D.  
2366  
Exploratory Study of Computer Integrated Assembly  
Systems(Progress Report 4, Covering the Period 1 August 1976  
to 31 March 1977)

I.O. Binford, C.R. Liu, G. Gini, I. Glaser, T. Ishida, M.S. Mujtaba, E. Nakano, H. Nabavi, E. Panofsky, B.E. Shimano, R. Goldman, V.D. Scheinman, D. Schmelling, I. Gafford  
Computer Science Department, Stanford  
University(STAN-CS-76-568) - June 1977

- Schell Roger S  
316  
Dynamic Reconfiguration in a Modular Computer System  
Roger S Schell  
Mass Inst of Technology(MAC TR-86) - June 1971
- Scherlis W L  
3438  
Stanford Pascal Verifier User Manual  
D C Luckham, S M German, F W v Henke, R A Karp, P W Milne, D  
C Oppen, W Polak and W L Scherlis  
Stanford Verification Group, Computer Science Department,  
Stanford University(STAN-CS-79-731) - March 1979
- Scherlis William L  
3926  
Expression Procedures and Program Derivation  
William L Scherlis  
Computer Science Department, Stanford University(Stanford  
Artificial Intelligence Laboratory Memo AIM-341) - August  
1980
- Scherrer Deborah K  
4229  
A Virtual Operating System  
Dennis E Hall, Deborah K Scherrer, and Joseph S Sventek  
Communications of the ACM(Vol. 23, No. 9) - September 1980
- Schiller Lee  
3089  
Supporting Small Objects in a Capability System  
Didier Lanciaux, Lee Schiller, William A Wulf  
Carnegie-Mellon University(CMU-CS-78-107) - February 1978
- Schkolnick Mario  
3413  
A Survey of Physical Database Design Methodology and  
Techniques  
Mario Schkolnick  
IBM Thomas J Watson Research Center(RJ 2306 (31048)) -  
August 1978
- Schkolnick Mario  
3313  
(BS)  
Labelled Precedence Parsing  
Mario Schkolnick  
Carnegie-Mellon University - July 1973
- Schlumberger Mauri  
1903  
Optimal disk merge patterns  
Maurice Schlumberger and Jean Vuillemin  
IRIA Laboria(Report No 4) - January 1973
- Schmalfeld H  
3558  
Der Kleinrechnerverbund als Alternative zur Heutigen  
Grossrechner-Anwendung in der Industriellen  
Datenverarbeitung an Hand Einer Fallstudie  
H Schmalfeld  
Institut fur Mathematik, Technische Universitat  
Munchen(Bericht Nr. 7611) - May 1976/in German
- Schmid H A  
2899  
A Step Towards a Solution of the Liveness Problem in Petri  
Nets  
H A Schmid and E Best  
Computing Laboratory, Newcastle upon Tyne(No. 114) -  
February 1978
- Schmid H A  
1794  
The Relational Data Base System OMEGA - August 1975 Progress  
Report  
H A Schmid, P A Bernstein, B Arlow, R Baker and S Pozgaj  
Computer Systems Research Group, University of  
Toronto(CSRG-72) - July 1976

- Schmid Hans Albrec 2831 On the Semantics of the Relational Data Model  
Hans Albrecht Schmid and J Richard Swenson  
Computer Systems Research Group, University of Toronto (ISSN  
0316-6295) - July 1975
- Schmid Hans Albrec 2018 On the semantics of the relational data model  
Hans Albrecht Schmid  
Computer Systems Research Group, University of  
Toronto (CSR6-58) - July 1975
- Schmidt Erik Meine 1200 IO and IO  
Joost Engelriet and Erik Meineche Schmidt
- Schmidt Joachim W 3047 On the Implementation of Relations: a Key to Efficiency  
Joachim W Schmidt  
Computer Systems Research Group, University of Toronto (ISSN  
0316-6295) - January 1978
- Schmitz Lothar 4326 An Exercise in Program Synthesis: Algorithms for Computing  
the Transitive Closure of a Relation  
(JES/Schmitz/Marc) Lothar Schmitz  
Hochschule der Bundeswehr Munchen, Fachbereich  
Informatik (7801) - March 1978
- Schneider Edward A 1495 Synchronization of finite state shared resources  
Edward A Schneider  
Dep of Comp Science, Carnegie-Mellon University - Mach 1976
- Schneider Fred B 4270 Personal Keys, Group Keys and Master Keys  
Dorothy E Denning and Fred B Schneider  
Department of Computer Science, Cornell (IK 80-409)
- Schneider Fred B 4179 Measuring Consistency in a Distributed Database System by  
Use of Distributed Semaphores  
Fred B Schneider  
Department of Computer Science, Cornell University (IK79-392)  
- September 1979
- Schneider helma 4216 LIS - Benutzungsanleitung am IK440  
Stefan Eichholz and helma Schneider  
Technische Universität München (IUM-18004) - April 1980
- Schneider Peter K 2504 An Architecture for an Extended Machine with Protected  
Addressing  
George Radin and Peter K Schneider  
IBM Poughkeepsie Laboratory (IK 00.2/57) - 21 May 1976
- Schneider V b 3303 Transforming LR(k) grammars to LR(1), SLR(1) and (1,1)  
(BS) M D Mickunas, R L Lancaster and V b Schneider  
ACM - July 1976
- Schofield D 3096 The Clothesline Store  
J L Rodgers and D Schofield  
National Physical Laboratory (NAL 83) - October 1977
- Schofield D 2863 SFS - A File System Supporting Pascal Files Design and  
Specification  
A K Lawrence and D Schofield  
National Physical Laboratory (NAL88) - February 1978
- Schofield D 2809 SFS A file system supporting Pascal files Design and  
Specification

A R Lawrence and D Schofield  
National Physical Laboratory(NPL Report NAC 88) - February  
1978

Schofield D  
4003  
SFS - A File System Supporting Pascal Files - Design and  
Specification  
A R Lawrence and D Schofield  
National Physical Laboratory(NPL Report NAC 88) - February  
1978

Schofield D.  
415  
A Text Output System for Production of Reports and Manuals  
D. Schofield and B.A. Wichmann  
Nat. Phys. Lab.

Schofield P D A  
26  
A quantitative study of problem-solving using sliding block  
puzzles  
J E Hayes, Donald Michie, K E Pole and P D A Schofield  
Experimental Programming Reports(No 7) - November 1965

Scholten C S  
1563  
On-the-fly garbage collection: an exercise in cooperation  
Edsger W Dijkstra, Leslie Lamport, A J Martin, C S Scholten  
and E F M Steffens  
20th October 1975

Scholten C sS  
2646  
Termination Detection for diffusing computations(original  
copy)  
Edsger W Dijkstra and C sS Scholten  
Philips Research Laboratories, 5656 AA Eindhoven, The  
Netherlands(EWD684-0)

Schonfinkel Moses  
219  
On the building blocks of mathematical logic  
Moses Schonfinkel

Schonhage Arnold  
1198  
The Expected Linearity of a Simple Equivalence Algorithm  
Donald E. Knuth and Arnold Schonhage  
Computer Science Lab., Stanford University(STAN-CS-77-599) -  
March 1977

Schreiber J  
1820  
Proof search in a Gentzen-like system of first-order logic  
W Bibel and J Schreiber  
Technische Universitat Munchen(7412)

Schreiber J F  
3105  
Strategies for the Synthesis of Algorithms  
W Bibel, U Furbach, J F Schreiber  
March 1978

Schroeder M D  
310  
The Classroom Information and Computing Service  
David D Clark, Robert M Graham, Jerome H Saltzer and M D  
Schroeder  
Massachusetts Institute of Technology(MAC TR 80) - 11th  
January 1971

Schroeder Michael  
3386  
Transport of Electronic Messages through a Network  
Roy Levin and Michael D Schroeder  
Palo Alto Research Center(CSL-79-4) - April 1979

Schroepfel R  
4515  
(JES/Hakmem)  
Hakmem  
M Beeler, R W Gosper and R Schroepfel  
Massachusetts Inst of Technology(Aim 239) - February 1972

Schroff R  
3075  
ITS Status Report  
M Leppert, J Madey, R Schroff

TUM(IUM-INFU-7739) - September 1977

- Schroff R  
4219  
Strategien zum Leser-Schreiber-Problem eine stochastische Analyse  
R Schroff  
Technische Universität München(IUM-18002) - January 1980
- Schroff R  
3592  
Kollateralität und Ablaufbeschreibungen II  
R Schroff  
Institut für Informatik, Technische Universität München(IUM-INFU-7905) - February 1979/in German
- Schuler P F  
2973  
Inductive Definability in formal Language theory  
P F Schuler  
Academic Press - June 1978
- Schuler P F  
3882  
Reading the intended interpretation off the syntax-analysis:  
A Naive Delineation  
P F Schuler  
? (somewhere from 1978+)
- Schulman L.S.  
2432  
Statistical Mechanics of a dynamical system based on  
Conway's Game of Life  
L.S. Schulman and P.E. Seiden  
IBM Research Division(RC 6802 (#29207)) - 10th October 1977
- Schulz K M  
1599  
Test Verification  
K M Schulz  
IBM Laboratories - 20 November 1975
- Schumacker Robert  
1786  
A Characterization of ten Hidden-Surface Algorithms  
Ivan E Sutherland, Robert F Sproull and Robert A Schumacker  
Computing Surveys(vol 6 No 1) - 1974
- Schuman Stephen A  
2260  
New Directions in Algorithmic Languages 1976  
Stephen A Schuman  
Institut de recherche d'Informatique et d'Automatique -  
1976
- Schuman Stephen A  
1993  
Proceedings of the international Symposium on Extensible  
Languages  
Stephen A Schuman (Editor)  
IBM France(FR 2.0143) - September 1971
- Schuman Stephen A  
2259  
New Directions in Algorithmic Languages 1975  
Stephen A Schuman  
Institut de recherche d'Informatique et d'Automatique -  
1975
- Schuster S A  
1924  
Performance Evaluation of a Relational Associative  
Processor  
E A Uzkarahan, S A Schuster and K L Sevcik  
Computer Systems Research Group, University of  
Toronto(CSRG-65) - February 1976
- Schuster S A  
2833  
A Virtual Memory system for a Relational Associative  
Processor  
S A Schuster, E A Uzkarahan, K L Smith  
Computer Systems Research Group, University of  
Toronto(CSRG-64) - December 1975
- Schuster S A  
2834  
Performance Evaluation of a Relational Associative  
Processor\*

E A Ozkaranan, S A Schuster and K C Sevcik  
Computer Systems Research Group, University of  
Toronto(CSRG-65) - February 1976

Schuster S A  
1925

A Virtual Memory System for a Relational Associative  
Processor

S A Schuster, E A Ozkaranan and K C Smith  
Computer Systems Research Group, University of  
Toronto(CSRG-64) - December 1975

Schutzenberger M.P  
1026

Classification of Chomsky Languages  
M.P. Schutzenberger

1964

Schwanke Bob  
2938

Modularization and Hierarchy in a Family of Operating  
Systems

A N Habermann, Peter Feiler, Lawrence Flon, Loretta Guarino,  
Lee Coopridge, Bob Schwanke  
Carnegie-Mellon University(CMU -CS-78-101) - February 1978

Schwartz J T  
665

On Programming  
J T Schwartz

Schwartz J T  
2780

Correct-Program Technology/Extensibility of Verifiers]Two  
Papers on Program Verification

Martin Davis and J T Schwartz  
New York University(Report no. NSU-12) - September 1977

Schwartz J.T.  
897

Programming Languages and Their CompilersPreliminary Notes  
Second Revised Version

John Cocke and J.T. Schwartz  
Courant Institute of Mathematical Sciences New York  
University - April 1970

Schwartz Jacob T  
1960

On Programming - an interim report on the SETL Project  
Installment 1: Generalities

Jacob T Schwartz  
Courant Institute of Mathematical Sciences, New York  
University - February 1973

Schwartz R  
2629

An Axiomatic Semantic Definition of ALGOL 68  
R Schwartz

University of California at Los Angeles(UCLA-34P214-75) -  
July 1978

Schwartz R  
3922

Temporal Logic Specification of Distributed Systems

R Schwartz and P M Melliar-Smith  
1980

Schwartz Richard L  
4250

The Finalization Operation for Abstract Types

Richard L Schwartz and P M Melliar-Smith  
SRI, California

Schwarz Jerald Syd  
1742

Semantics of partial correctness formalisms

Jerald Sydney Schwarz  
John Hopkins University - December 1974

Schweiggert Franz  
3556

Zur Isomorphie endlicher Graphen und Strukturen  
Franz Schweiggert

Institut für Statistik und Unternehmensforschung, Technische  
Universität München(TUM-ISU-7922) - October 1979/in German

Schwepe Earl J 4233	A Concurrent Model: Fundamentals E A Unger and Earl J Schwepe May 1978
Schwind C 3567	Ein Formalismus zur Beschreibung der Syntax und Bedeutung von Frage-Antwort-Systemen C Schwind Institut für Informatik, Technische Universität München(IUM-INFU-7/10) - May 1977/in German
Schyn F 3799	A Learning System Able to Synthesize Arithmetical Functions F Schyn, G Guino Laboratoire de Recherche en Informatique, Université de Paris-Sud(Rapport de Recherche No 29) - March 1979
Science Dept of Com 74609 (JES7/Real)	Simulation in real time, of systems with both discrete and continuous transitions University of Reading, Dept of Computer Science University of Reading - 1974
Science Dept of Co 74769 (JES7/Toronto)	Undergraduate Programs in Computer Science at the University of Toronto Dept of Comp Science, Univ of Toronto Univ of Toronto - March 1972
Science Dept of Co 74725 (JES/Student)	Graduate Student handbook for 1972-73 Dept of Computer Science, University of Toronto University of Toronto - 1972-73
Science Research C 7120	USIB Statement of Policy and Programme Science Research Council
Science Research C 71792	Investigation into Generative Techniques for Microprogram Implementation of Problem Oriented Abstract Machines Science Research Council University of St Andrews
Science Research C 74174	Electrical and Systems Engineering Committee Annual Report 1978/79 Science Research Council SRC - 1979
Science Research C 71788	Engineering Computing Requirements Science Research Council Science Research Council Engineering Board
Science Research C 7119	Computer Education Science Research Council
Science Research C 74175	Electrical and Systems Engineering Committee Annual Report 1978/79 Science Research Council SRC - 1979
Sciences Communica 74630 (JES/Michigan)	Graduate Student Survival Manual Department of Computer and Communication Sciences University of Michigan - 1972-73
Scott A. Carlisle 75924	Explanation Capabilities of Production-based Consultation Systems A. Carlisle Scott, William J. Clancy, Randall Davis and

Edward H. Shortliffe  
Computer Science Department, School of Humanities and  
Sciences, Stanford University(STAN-CS-77-593) - February  
1977

- Scott D  
1367  
Formal Language Description Languages  
D. Scott  
IFIP(Bulletin No 5) - 30 October 1970
- Scott D  
794  
Three papers on the mathematical semantics of programming  
languages  
D. Scott, C Strachey and C Wadsworth  
(ICF-1)
- Scott D  
739  
Data Types as Lattices  
D Scott  
1974
- Scott D S  
373  
Lattice-theoretic models for the  $\lambda$ -calculus  
D S Scott
- Scott D S  
875  
Data types as lattices  
D S Scott  
1972
- Scott Dan W  
81  
The Dartmouth time-sharing system  
Dan W Scott  
Computer Lab, Sunnyvale, Calif(65-COL-2)
- Scott Dana  
3788  
Data Types as Lattices  
Dana Scott  
Mathematical Institute, University of Oxford(Manuscript  
Lecture Notes) - June 1972
- Scott Dana  
2237  
A theory of computable functions of higher type  
Dana Scott.  
November 1969
- Scott Dana  
4792  
(JES/Scott)  
Data Types as Lattices  
Dana Scott  
(SIAM J. Comput. Vol 5 Nr 3) - September 1976
- Scott Dana  
289  
Outline of a Mathematical Theory of Computation  
Dana Scott
- Scott Dana  
2496  
Data Types as Lattices or The Study of the Logical Types  
of Structured Data  
Dana Scott  
Amsterdam - June 1972
- Scott Dana  
280  
The Lattice of Flow Diagrams  
Dana Scott
- Scott Dana  
4807  
(JES/Scott)  
Tapes  
Dana Scott  
28 Sep 1977
- Scott Dana  
246  
The lattice of flow diagrams  
Dana Scott

Scott Dana  
 2151  
 A type-theoretical alternative to CUCH, ISWIM, UWHY  
 Dana Scott  
 1969

Scott Dana  
 4790  
 (JES/scott)  
 A Simplified Constructor for  $\lambda$  - Calculus Models  
 Dana Scott  
 April 1973

Scott Dana  
 2936  
 1005  
 Some Definitional Suggestions for Automata Theory  
 Dana Scott  
 Academic Press - August 1967

Scott Dana  
 4811  
 (JES/scott)  
 Mathematical Concepts in Programming Language Semantics  
 Dana Scott  
 (3000(1972) p220) - 17 Mar 1974

Scott Dana  
 4120  
 7119990  
 7047 000004  
 Semantics Seminar Notes  
 Dana Scott  
 Oxford

Scott Dana  
 5579  
 0007  
 Logic and Programming Languages  
 Dana Scott  
 Oxford University (Draft - 1970 Turing Award Lecture) - 1970

Scott Dana  
 400  
 757  
 A type-theoretical alternative to CUCH, ISWIM, UWHY  
 Dana Scott  
 1969

Scott Dana  
 551  
 150  
 Outline of Scott Lecture on Math Concepts in PL Semantics  
 Dana Scott

Scott Dana  
 4810  
 (JES/scott)  
 Lattice Theory, Data Types and Semantics  
 Dana Scott  
 MIT Symposium on Formal Semantics pp 64-100 - 1 Jan 1974

Scott Dana  
 4791  
 (JES/scott)  
 Appendix of Data Types as Lattices  
 Dana Scott  
 May 1973

560  
 Dana Scott

Scott Dana  
 4700  
 (JES/scott/type-1)  
 A type-theoretical alternative to CUCH, ISWIM, UWHY  
 Dana Scott  
 1969

Scott Dana  
 2840  
 1771  
 Toward a Mathematical Semantics for Computer Languages  
 Dana Scott and Christopher Strachey  
 Oxford University Computing Laboratory, Programming Research  
 Group (PRG-6) - August 1971

Scott Dana  
 4098  
 (JES7/scott/inery)  
 A Theory of Computable Functions of Higher Type  
 Dana Scott  
 Oxford - November 1969

Scott Dana  
 5497  
 0700  
 Data Types as Lattices  
 Dana Scott  
 Oxford University Computing Laboratory, Programming Research  
 Group (Technical Monograph PRG-5) - September 1976

Scott Dana 4331 (JES/Scott/July 1)	Data Types as Lattices Dana Scott Mathematical Institute, Oxford - July 1974
Scott Dana 2506	Data Types as Lattices Dana Scott Oxford University - July 1974
Scott Dana 4860 (JES/Scott)	Data Types as Lattices Dana Scott (SIAM J Comput.) - September 1976
Scowen R S 1442	SOAP - Simplify Obscure Algol Programs R S Scowen, A L Hillman and M Shimell National Physical Lab(CCU 6) - April 1969
Scowen R S 3732	A cross-reference index for the syntax of the programming language Fortran 77 R S Scowen National Physical Laboratory(NPL Report CSU 5) - December 1979
Scowen R S 1646	Some aids for program documentation R S Scowen National Physical Laboratory(NAC76) - March 1977
Scowen R S 3429	The Diagnostic Facilities in Algol and Fortran Compilers R S Scowen National Physical Laboratory(NPL Report NAC 81) - July 1977
Scowen R.S. 416	BABEL and SOAP, an Application of Extensible Compilers R.S. Scowen Nat. Phys. Lab.
Sedelow Sally Y 307	Automated Analysis of Language Style and Structure Sally Y Sedelow et al University of North Carolina - September 1970
Sedelow Sally Yeat 1051	Automated Language Analysis Sally Yeates Sedelow University of Kansas, Departments of Computer Science and Linguistics(MR348-005) - 1971-1972
Sedgewick Robert 1244	Quicksort Robert Sedgewick Computer Science Dept., Stanford University(STAN-CS-75-492) - May 1975
Sedgewick Robert 1883	Implementing and Analyzing Quicksort Programs Robert Sedgewick Brown University
Sedgwick A E 1721	Proving the correctness of algorithms and the correctness of numerical algorithms T E Hull, W H Enright and A E Sedgwick Dept of Computer Science, University of Toronto(No 36) - November 1971
Seegmuller Gerhard 1661	Systems Programming as an Emerging Discipline Gerhard Seegmuller Bayerischen Akademie der Wissenschaften(7404/1) - October 1974

Seegmuller Gerhard 577  
 Extracts from 'On the concept of Procedure in Algorithmic Languages'  
 M. Woodger (translation from Gerhard Seegmuller)  
 December 1960  
 IBM - 1960

Seegmuller Gerhard 2351  
 On the concept of procedure in algorithmic languages  
 Gerhard Seegmuller  
 1960  
 IBM

Seiden R. E. 2402  
 Statistical mechanics of a dynamical system based on Conway's Game of Life  
 R. E. Seiden and M. H. S. Chan  
 IBM Research Yorktown (RJ 982) - 10th October 1977  
 IBM - 1977

Seiwyn Lee E. 2499  
 Economies of scale in computer use: initial tests and implications for the computer utility  
 Lee E. Seiwyn  
 IBM - 1977

Seiwyn Lee E. 2441  
 Computer resource accounting in a time sharing environment  
 Lee E. Seiwyn  
 IBM - 1977

Sengler H. E. 3771  
 GRADE - a graphical means of describing programs  
 H. E. Sengler  
 January 1979  
 IBM

Sengler Hans-Eckart 1389  
 Three short notes on programming  
 Hans-Eckart Sengler  
 The Queen's University, Belfast - April 1976

Senko M. 816  
 A series of IBM Research Journals on Relational Data Bases  
 IBM - M. Senko et al  
 IBM - 1972-75

Senko M. E. 4136  
 String Search Procedures for Data Base Systems  
 S. P. Ghosh and M. E. Senko  
 IBM Journal of research and development (Vol. 18, No. 5) - September 1974

Senko M. E. 4137  
 A Data Independent Architecture Model I: Four Levels of Description from Logical Structures to Physical Search Structures  
 M. E. Senko, E. B. Altman, M. M. Astrahan, P. L. Fehder and C. P. Wang  
 IBM Research Yorktown (RJ 982) - February 1972

Senko Michael E. 4138  
 An Introduction to Foral for Users, Part I - Basic Foral Query Concepts  
 Michael E. Senko  
 IBM Research Yorktown (RC 5263) - January 1975

Senko Michael E. 4139  
 Data Description Language in the Context of a Multilevel Structured Description: DIAM II with FORAL  
 Michael E. Senko  
 IBM Research Yorktown - 1974?

Sethi R. 813  
 Correct computation rules for recursive languages  
 P. J. Doney and R. Sethi  
 Comp Sci Dept, Pennsylvania State University (166) - 1975

Sethi Ravi 4840  
 Transforming direct into Continuation Semantics for a Simple Imperative Language  
 Ravi Sethi and Adrian Tang  
 (JES/Sethi)

- Sethi Ravi  
4794  
(JES/Sethi) Semantics of Computer Programs: Overview of Language  
Definition Methods  
Ravi Sethi  
Bell Laboratories, Murray Hill, New Jersey 07974 - September  
14 1977
- Sethi Ravi  
3884 A Case Study in Specifying the Semantics of a Programming  
Language  
Ravi Sethi  
Department of Computer Science, The University of Arizona(TR  
79-21) - December 1979
- Sethi Ravi  
216 The generation of optimal code for arithmetic expressions  
Ravi Sethi and J D Ullman
- Sethi Ravi  
4883  
(JES/Sethi) Semantics of Computer Programs: overview of Language  
Definition Methods  
Ravi Sethi  
Bell Laboratories - September 1977
- Sethi Ravi  
4793  
(JES/Downey) Assignment Commands with Array References  
Peter J. Downey and Ravi Sethi  
June 12 1977
- Sethi Ravi  
4330  
(JES/Sethi/Septem) Constructing call-by-value continuation semantics  
Ravi Sethi and Adrian Tang  
Bell Laboratories - September 1978
- Sevcik K C  
1854 Project Sue Status Report  
J W Atwood, b L Clark, M S Grushcow, R C Holt, J J Horning,  
K C Sevcik and D Tsichritzis  
Computer Systems Research /Group University of  
Toronto(CSRG-11) - 5 April 1972
- Sevcik K C  
1924 Performance Evaluation of a Relational Associative  
Processor  
E A Ozkarahan, S A Schuster and K C Sevcik  
Computer Systems Research Group, University of  
Toronto(CSRG-65) - February 1976
- Sevcik K C  
4727  
(JES/SUE/1972) Project SUE Status report  
J WATwood, B L Clark, M S Grushcow, R C Holt, J J Horning, K  
C Sevcik and D Tsichritzis  
Computer Systems Research Group, University of  
Toronto(CSRG-11) - 5 April 1972
- Sevcik K C  
2834 Performance Evaluation of a Relational Associative  
Processor\*  
E A Ozkarahan, S A Schuster and K C Sevcik  
Computer Systems Research Group, University of  
Toronto(CSRG-65) - February 1976
- Seydel R  
3190 Numerische Berechnung von Verzweigungen bei Gewöhnlichen  
Differentialgleichungen  
R Seydel  
TUM(TUM-MATH-7736) - September 1977
- Seydel Rudiger  
3326 Numerical Computation of Primary Bifurcation Points in  
Ordinary Differential Equations  
Rudiger Seydel

Technische Universitat Munchen(TUM-MATH-7824) - November 1978

Seydel Rudiger 3593 Numerical Computation of Branch Points in Nonlinear Equations  
Rudiger Seydel  
Institut fur Mathematik, Technische Universitat Munchen(TUM-MATH-7907) - March 1979

Shafer Lawrence H 2072 A study of high level language features  
John B Goodenough and Lawrence H Shafer  
Softtech Inc(ECOM-75-0373-F Vol 2) - February 1976

Shafer Lawrence H 2071 A study of high level language features  
John B Goodenough and Lawrence H Shafer  
Softtech Inc(ECOM-75-0373-F Vol 1) - February 1976

Shamir A 864 The Theoretical Aspects of the Optimal FixedPoint  
Z Manna and A Shamir  
Computer Science Dept, Stanford University - March 1976

Shamir A 1959 On digital signatures and public-key cryptosystems  
R L Rivest, A Shamir and L Adleman  
MIT Laboratory for Computer Science, Massachusetts - April 1977

Shamir Adi 3426 Data Types as Objects  
Adi Shamir and William W Wadge

Shamir Adi 1369 The Fixedpoints of Recursive Definitions  
Adi Shamir  
Weizmann Institute of Science, Israel - October 1976

Shamir Adi 1430 The Optimal Fixedpoint of Recursive Programs  
Zohar Manna and Adi Shamir  
Dept of Applied Maths, Weizmann Inst of Sciences, Israel - 1975

Shamir Adi 1160 A New Approach to Recursive Programs  
Zohar Manna and Adi Shamir  
Computer Science Dept., Stanford University(STAN-CS-75-539) - December 1975

Shamir Adi 2026 A New Approach to Recursive Programs  
Zohar Manna and Adi Shamir  
Computer Science Dept, Stanford University(STAN-CS-75-539) - December 1975

Shamir Adi 1233 The Theoretical Aspects of the Optimal Fixedpoint  
Zohar Manna and Adi Shamir  
Computer Science Dept., Stanford University(STAN-CS-76-542) - March 1976

Shank H. 1045 Two Memory Bounds for the Recognition of Primes by Automata  
J. Hartmanis and H. Shank  
Department of Computer Science, Cornell University, New York(68-21) - June 1968

Shank H. 1104 On the Recognition of Primes by Automata  
J. Hartmanis and H. Shank  
Department of Computer Science, Cornell University, New York(68-11) - January 1968

- Shapiro Bruce A  
4702  
(JES/Shapiro) A survey of problem solving languages and systems  
Bruce A Shapiro  
University of Maryland, Computer Science Center(TR-235) -  
March 1973
- Shapiro Stuart C  
4750  
(JES/Wise/June 75) Boolean-valued loops  
David S Wise, Daniel P Friedman, Stuart C Shapiro and  
Mitchell Wand  
Indiana University Computer Science Dept(21) - June 1975
- Sharir Micha  
3492 Two Approaches to Interprocedural Data Flow Analysis  
Micha Sharir and Amir Pnueli  
(Report No. 002) - September 1978
- Sharman G C H  
1734 Program proving and formal development: a tutorial  
introduction  
C J Date, M A McMorran and G C H Sharman  
IBM United Kingdom Laboratories Ltd(TR.12.127) - May 1974
- Sharman G C H  
1687 A new model of relational data base and high level  
languages  
G C H Sharman  
IBM UK Ltd(TR.12.136) - February 1975
- Sharp J A  
2901 A Data Flow Model of Computation  
C L Hankin, P E Osmon and J A Sharp  
Westfield College, University of London
- Shastry S  
3547 Non-procedural Computer Programming with Model  
S Shastry, N Prywes and A Pnueli  
Department of Computer and Information Science, Moore  
School, University of Pennsylvania - 1977
- Shastry S  
3548 Use of a Specification Language and Associated Program  
Generator in Software Development  
N S Prywes, A Pnueli and S Shastry  
Department of Computer and Information Science, Moore  
School, University of Pennsylvania - 1978 ?
- Shastry S  
3532 Algorithms on Array Graphs  
S Shastry, A Pnueli and N Prywes  
Department of Computer and Information Sciences, University  
of Pennsylvania
- Shavor Kenneth M.  
911 An Experimental Syntax-Directed Data Structure Language  
Robert K. Lindsay, Terrence W. Pratt and Kenneth M. Shavor  
The RAND Corporation, Santa Monica, California(P-3112) -  
April 1965
- Shaw B  
3067 Digital Systems Design  
B Shaw  
Computing Laboratory, University of Newcastle upon Tyne -  
September 1977
- Shaw B  
3219  
(BS) The Teaching of Computer Design  
B Shaw (ed)  
Computing Laboratory, University of Newcastle upon Tyne -  
September 1971
- Shaw Christopher J  
145 A comparative evaluation of Jovial and Fortran IV  
Christopher J Shaw  
Automatic Programming Information

Shaw David Elliot 4039 A Hierarchical Associative Architecture for the Parallel Evaluation of Relational Algebraic Database Primitives  
David Elliot Shaw  
Department of Computer Science, Stanford University(STAN-CS-79-778) - October 1979

Shaw Editor B 4895 (JES/ ed. B Shaw) Digital Systems Design  
Editor B Shaw  
Computing Laboratory, University of Newcastle upon Tyne - September 1977

Shaw J C 2563 A Variety of Intelligent Learning in a General Problem Solver  
A Newell, J C Shaw and H A Simon  
The RAND Corporation(P-1742) - July 6 1959

Shaw J.C. 1038 The Processes of Creative Thinking  
A. Newell, J.C. Shaw and H.A. Simon  
Carnegie Institute of Technology, the RAND Corporation(P-1320) - September 16 1958

Shaw J.C. 1061 Empirical Explorations of the Logic Theory Machine: A Case Study in Heuristics  
A. Newell, J.C. Shaw and H.A. Simon  
The RAND Corporation, California(P-951) - March 14 1957

Shaw J.C. 1129 A Command Structure for Complex Information Processing  
J.C. Shaw, A. Newell, H.A. Simon and T.O. Ellis  
1958

Shaw J.C. 1130 Report on a General Problem-Solving Program  
A. Newell, J.C. Shaw and H.A. Simon  
The RAND Corporation, California(P-1584) - 30 December 1958

Shaw M 866 Abstraction and Verification in ALPHARD Introduction to Language and Methodology  
W A Wulf, R L London and M Shaw  
Department of Computer Science, Carnegie-Mellon University - June 1976

Shaw Mary 2679 Language Design for the Ironman Requirement: Notes and Examples  
Mary Shaw, Paul Hilfinger and Wm A. Wulf  
Carnegie-Mellon University - 31 May 1978

Shaw Mary 4703 (JES/Shaw) Some thoughts on unification of program manipulation facilities  
Mary Shaw  
Carnegie-Mellon University - June 12 1974

Shaw Mary 2940 Language Design for the Ironman Requirement - Reference Manual  
Mary Shaw, Paul Hilfinger William A Wulf  
Carnegie-Mellon University(CMU-CS-78-133) - June 1978

Shaw Mary 3649 An Alphard Specification of a Correct and Efficient Transformation on Data Structures  
Jon Louis Bentley and Mary Shaw  
Department of Computer Science, Carnegie-Mellon University - December 1978

Shaw Mary Immigration Course in Computer Science

3174  
(BS) Mary Shaw  
Carnegie-Mellon University - September 1972

Shaw Mary  
2635 Language Design for the Ironman Requirement: Reference  
Manual  
Mary Shaw, Paul Hilfinger and William A Wulf  
Carnegie-Mellon University(CMU-CS-78-133) - June 1978

Shaw Mary  
4871 IC in Computer Science  
(JES/Shaw) Mary Shaw  
Carnegie-Mellon University(1971 Schedule) - September 1971

Shaw Mary  
3281 Reduction of Compilation Costs through Language Contraction  
(BS) Mary Shaw  
Carnegie-Mellon University - July 1972

Shaw Mary  
2316 Abstraction and Verification in Alphard: Introduction to  
Language and methodology  
Wm A wulf, Ralph L London and Mary Shaw  
Dept of Computer Science, Carnegie-Mellon University - June  
14 1976

Shaw Mary  
1643 Achieving Quality Software: Reflections on the aims and  
objectives of Alphard  
William A Wulf, Mary Shaw and Ralph L London  
USC Information Sciences Inst

Shaw Mary  
2827 Immigration Course in Computer Science  
Mary Shaw  
Carnegie-Mellon University - September 1, 1972

Shaw Mary  
2981 Language Design for the Ironman Requirement: Reference  
Manual  
Mary Shaw, Paul Hilfinger and William Wulf  
Carnegie-Mellon University - May 1978

Shaw Mary  
3933 Abstraction and Efficiency: The Interaction of Languages and  
Analysis  
Jon Louis Bentley and Mary Shaw  
Department of Computer Science, Carnegie-Mellon University -  
September 1979

Shaw Mary  
3186 I C Study Problems  
(BS) Mary Shaw (ed.)  
Carnegie-Mellon University - August 1973

Shaw Mary  
3187 IC Study Problems Solution Collection  
(BS) Mary Shaw (ed)  
Carnegie-Mellon University - August 1974

Shaw Mary  
3899 A Formal System for Specifying and Verifying Program  
Performance  
Mary Shaw  
Department of Computer Science, Carnegie-Mellon  
University(CMU-CS-79-129) - June 1979

Shaw Mary  
4885 Achieving Quality Software: Reflections on the Aims and  
(JES/Wulf) Objectives of Alphard  
A Wulf, Mary Shaw and Ralph L London

Shaw Mary  
4031 A Formal System for Specifying and Verifying Program  
Performance  
Mary Shaw

Computer Science Department, Carnegie-Mellon  
University(CMU-CS-79-129) - June 1979

- Shaw R.  
930 Computers and the Educated Individual  
Edited by B. Shaw  
Computing Laboratory, University of Newcastle upon Tyne -  
9th - 12th September 1975
- Shaw) University o  
4645 Computing System Desgn - Proceedings of the Joint IBM  
(JES/Newcastle/77) University of Newcastle upon Tyne Seminar  
Computing Lab, University of Newcastle upon Tyne (editr B  
Shaw)  
Computing Lab, University of Newcastle upon Tyne - September  
1976
- Shearing B H  
2328 Fortran - Towards a new standard  
B H Shearing  
Alcock Shearing and Partners
- Shedler Gerald S  
4225 Performance of a Collision-Free Local Bus Network Having  
Asynchronous Distributed Control  
V Carl Hamacher and Gerald S Shedler  
IBM Research San Jose(RJ2624) - August 1979
- Shelah Saharon  
3739 Completeness Results for the Future Fragment of Temporal  
Logic  
Dov Gabbay, Amir Pnueli, Saharon Shelah and Yonatan Stavi  
1979 ?
- Shelness N H  
2796 Investigation of Computer Structures and Scheduling  
Strategies for Dynamically Distribution Computations  
N H Shelness  
28 February 1976
- Shelness N H  
3000 An Experiment in Doing it Again, But Very Well This Time  
N H Shelness, D J Rees, P D Stephens and J K Yarwood  
University of Edinburgh(CSR-18-77) - December 1977
- Shepherdson J C  
2794 /12505c Computation over Abstract Structures: Serial and Parallel  
J C Shepherdson  
Procedures and Friedman's Effective Definitional  
Schemes(University of Bristol)
- Shepherdson John C  
2920 Research Report - A Semantically Meaningful Characterization  
of Reducible Flowchart Schemes  
Calvin C Elgot and John C Shepherdson  
IBM(RC 6656) - July 1977
- Shields M W  
3542 Design and analysis of highly parallel and distributed  
systems  
P E Lauer, M W Shields and E Best  
Computing Laboratory, University of Newcastle upon Tyne -  
1979
- Shields M W  
1585 On the Problem of Achieving Adequacy of Concurrent Programs  
P E Lauer, E Best and M W Shields  
Newcastle upon Tyne University(ASM/18) - 19th January 1977
- Shields M W  
2811 Abstract specification of resource accessing disciplines:  
adequacy, starrvation, priority and interrupts  
P E Lauer and M W Shields  
University of Newcastle upon Tyne(No. 117) - December 1977

Shields M W  
1543 A Graph - theoretical Characterisation of the GE-nets of  
Lauer and Campbell  
M W Shields  
University of Newcastle upon Tyne(ASM/2) - 6th May 1976

Shields M W  
1542 A Liveness Criterion for GE-nets  
M W Shields  
University of Newcastle upon Tyne(ASM/3) - 8th June 1976

Shields M W  
3486 Design and analysis of highly parallel and distributed  
systems  
P E Lauer, M W Shields and E Best  
Computing Laboratory, University of Newcastle upon  
Tyne(Technical Report Number 142) - June 1979

Shields M W  
1540 A Liveness Criterion for the GGG-nets of Lauer and Campbell  
M W Shields  
University of Newcastle upon Tyne(ASM/5) - 17th June 1976

Shields M W  
3488 Adequate Path Expressions  
M W Shields  
Computing Laboratory, University of Newcastle upon  
Tyne(Technical Report Number 141) - June 1979

Shields M W  
3766 Adequate Path Expressions  
M W Shields  
(Draft) - 1978 ?

Shields M W  
1538 That one of our theorems is slightly flawed  
M W Shields  
University of Newcastle upon Tyne(ASM/7) - 1st July 1976

Shields M W  
1534 A Couple of partial partial-liveness criteria for  
Petri-Nets  
M W Shields  
University of Newcastle upon Tyne(ASM/10) - 26th August  
1976

Shields M W  
1532 A Suggested Method of Incorporating the Kleene Star into the  
Path Languages of Lauer and Campbell  
M W Shields  
University of Newcastle upon Tyne(ASM/14) - 20th October  
1976

Shields M W  
3667 Design and analysis of highly parallel and distributed  
systems  
P E Lauer, M W Shields and E Best  
Computing Laboratory, University of Newcastle upon Tyne -  
1979 ?

Shields M W  
1530 Description of an ALGOLW Program for Transforming Path  
Programs into Marked Transition Nets  
M W Shields  
University of Newcastle upon Tyne(ASM/16) - 17th December  
1976

Shields M W  
3973 The Verifier (A Romance of the Future)  
M W Shields  
The University of Newcastle upon Tyne Computing Laboratory -  
July 1980

Shields M W  
1529 A New Class of Adequate Paths  
M W Shields

University of Newcastle upon Tyne(ASM/20) - 8th February  
1977

- Shields M W  
3639 On the abstract specification and formal analysis of  
synchronous properties of concurrent systems  
M W Shields and P E Lauer  
Computing Laboratory, University of Newcastle upon  
Tyne(Technical Report Number 125) - July 1978
- Shields Michael Wi  
4585 On the problems of achieving adequacy of concurrent  
(JES/Lauer/1977) programs  
Peter Ernst Lauer, Eike Best and Michael William Enduan  
Shields  
University of Newcastle upon Tyne Computing  
Laboratory(Technical Report No 103) - 1977
- Shiloach Yossi  
3371 An  $O(n \cdot \log 21)$  Maximum-Flow Algorithm  
Yossi Shiloach  
Computer Science Department School of Humanities and  
Sciences Stanford University(STAN-CS-78-702) - December 1978
- Shiloach Yossi  
2726 Multi-Terminal 0-1 Flow  
Yossi Shiloach  
Stanford University(STAN-CS-78-653) - April 1978
- Shiloach Yossi  
3367 Union-Member Algorithms for Non-Disjoint Sets  
Yossi Shiloach  
Computer Science Department School of Humanities and  
Sciences Stanford University(STAN-CS-79-728) - January 1979
- Shiloach Yossi  
3369 A Polynomial Time Algorithm for Solving Systems of Linear  
Inequalities with Two Variables per Inequality  
Bengt Aspvall and Yossi Shiloach  
Computer Science Department School of Humanities and  
Sciences Stanford University(STAN-CS-79-703) - January 1979
- Shimano B.E.  
937 Exploratory Study of Computer Integrated Assembly Systems  
T.O. Binford, D.D. Grossman, C.R. Liu, R.C. Bolles, R.A.  
Finkel, M.S. Mujtaba, M.D. Roderick, B.E. Shimano, R.H.  
Taylor, R.H. Goldman, J.P. Jarvis, V.D. Scheinman, T.A.  
Gafford  
National Science Foundation, Washington DC(STAN-CS-76-568) -  
August 1976
- Shimano B.E.  
2386 Exploratory Study of Computer Integrated Assembly  
Systems(Progress Report 4, Covering the Period 1 August 1976  
to 31 March 1977)  
T.O. Binford, C.R. Liu, G. Gini, I. Glaser, T. Ishida, M.S.  
Mujtaba, E. Nakano, H. Nabavi, E. Panofsky, B.E. Shimano, R.  
Goldman, V.D. Scheinman, D. Schmelling, T. Gafford  
Computer Science Department, Stanford  
University(STAN-CS-76-568) - June 1977
- Shimano Bruce E  
2723 The Kinematic Design and Force Control of Computer  
Controlled Manipulators  
Bruce E Shimano  
Stanford University(STAN-CS-78-660) - March 1978
- Shimell M  
1442 SOAP - Simplify Obscure Algol Programs  
R S Scowen, A L Hillman and M Shimell  
National Physical Lab(CCU 6) - April 1969
- Shively J W  
Developing Large-Scale, Real-Time Software: The BMD-STP

3869 Experience  
J R Distaso, B F Koni, K W Krause, J W Shively, E D Stuckle,  
J T Ulmer and L R Vallembois  
TRW Systems Engineering and Integration Division,  
California(IRW-SS-79-01) - February 1979

Shoch John F 3515 Pup: An Internetwork Architecture  
David R Boggs, John F Shoch, Edward A Taft and Robert M  
Metcalf  
Xerox Palo Alto Research Center(CSL-79-10) - July 1979

Shoch John F 4037 An Overview of the Programming Language Smalltalk-72  
John F Shoch  
Xerox Palo Alto - 1978?

Shopiro J E 3878 Theseus - A Programming Language for Relational Databases  
J E Shopiro  
Department of Computer Science, University of Rochester,  
Rochester, New York(IR31) - May 1978

Shore John E 2109 Abstract types defined as classes of variables  
D L Parnas and John E Shore and David M Weiss  
Naval Research Lab(7998) - April 22 1976

Shortliffe Edward 1208 Production Rules as a Representation for a Knowledge-Based  
Consultation Program  
Randall Davis, Bruce Buchanan and Edward Shortliffe  
Computer Science Dept., Stanford University(STAN-CS-75-519)  
- October 1975

Shortliffe Edward 3914 Two Papers on Medical Computing: Medical Cybernetics... and  
Consultation Systems for Physicians...  
Edward H Shortliffe  
Computer Science Department, Stanford University(Stanford  
Heuristic Programming Project Memo HPP-80-16) - August 1980

Shortliffe Edward 3359 Knowledge Engineering for Medical Decision Making A Review of  
Computer-Based Clinical Decision Aids  
Edward H Shortliffe, Bruce G Buchanan, Edward A Feigenbaum  
Computer Science Department School of Humanities and  
Sciences Stanford University(STAN-CS-79-723) - February 1979

Shortliffe Edward 924 Explanation Capabilities of Production-Based Consultation  
Systems  
A. Carlisle Scott, William J. Clancy, Randall Davis and  
Edward H. Shortliffe  
Computer Science Department, School of Humanities and  
Sciences, Stanford University(STAN-CS-77-593) - February  
1977

Shoshani A - 4442 System Deadlocks  
(JES/Coffman) E G Coffman Jr, M J Elphick and A Shoshani  
Computing Surveys(Vol 3 No 2) - June 1971

Shostak Robert 3831 The Byzantine Generals Problem  
Leslie Lamport, Robert Shostak, Marshal Pease  
Computer Science Laboratory, SRI International - March 1980

Shourie J C 3043 HYPOL - A Datapase Language  
Naveen Prakash, M Ibramsha and J C Shourie

Shrivastava S K Structuring Distributed Systems for Recoverability and Crash

- 3814 Resistance  
S K Shrivastava  
Computing Laboratory, University of Newcastle Upon  
Tyne(149) - December 1979
- Shrivastava S K  
2212 Comments on a paper by Hoare  
S K Shrivastava  
University of Newcastle upon Tyne
- Shrivastava S K  
2777 Reliable Software: A Selective Annotated Bibliography  
T Anderson and S K Shrivastava  
University of Newcastle upon Tyne(no. 111) - September 1977
- Shrivastava S K  
1404 Reliable resource allocation between unreliable processes  
J-P Banatre and S K Shrivastava  
University of Newcastle upon Tyne
- Shrivastava S K  
3056 Fault Tolerant Sequential Programming using Recovery Blocks  
S K Shrivastava and A A Akinpelu  
Computing Laboratory, University of Newcastle upon Tyne -  
March 1978
- Shrivastava S K  
2657 Sequential Pascal with Recovery Blocks  
S K Shrivastava  
University of Newcastle upon Tyne(Technical Report No. 123)  
- March 1978
- Shrivastava S K  
2770 A Model of Recoverability in Multi-level Systems  
T Anderson, P A Lee and S K Shrivastava  
University of Newcastle upon Tyne(no. 115) - November 1977
- Shrivastava S K  
1580 A view of concurrent process synchronization  
S K Shrivastava  
University of Cambridge
- Shriver Bruce D.  
957 An Integrated Approach to the Design of Fault Tolerant  
Computing Systems  
L. Phillip Caillouet Jr. and Bruce D. Shriver Sr.  
Department of Computer Science, University of Aarhus,  
Denmark(DAIMI PB-32) - July 1974
- Shriver Bruce D.  
1196 An Overview of the Mathilda System  
Peter Kornerup and Bruce D. Shriver  
Dept. of Computer Science, University of Aarhus,  
Denmark(DAIMI PB-34) - August 1974
- Shrobe Howard E  
1787 Initial Report on a LISP Programmer's Apprentice  
Charles Rich and Howard E Shrobe  
Artificial Intelligence Lab, Massachusetts Inst of  
Technology(AI-TR-354) - December 1976
- Shukiar H J  
2014 The SIMSCRIPT II Programming Language: IBM 360  
Implementation  
P J Kiviat, H J Shukiar, J B Urman and R Villanueva  
Rand Corporation(RM-5777-PR) - July 1969
- Shustek Leonard  
869 The Design of a Low-cost Video Graphics Terminal  
F Baskett and Leonard Shustek  
Comp Sci Dept, Stanford University - June 1976
- Shustek Leonard Ja  
2725 Analysis and Performance of Computer Instruction Sets  
Leonard Jay Shustek  
Stanford University(STAN-CS-78-658, SLAC Report 205) - Msay

- Sibert E E  
459  
Some Binary Derivation Systems  
D Michie and E E Sibert
- Siewiorek D  
3195 /13011c  
(BS)  
Peter J Denning and G Scott Graham  
G Bell, D Siewiorek and S H Fuller (editors)  
A Note on Subexpression Ordering in the Execution of  
Arithmetic Expressions(ACM)
- Siewiorek D P  
3176  
(BS)  
Use of the Concept of Transparency in the Design of  
Hierarchically Structured Systems  
D L Parnas and D P Siewiorek  
Carnegie-Mellon University - September 1972
- Siewiorek D P  
1674  
Use of the concept of transparency in the design of  
hierarchically structured systems  
D L Parnas and D P Siewiorek  
Dept of Comp Science, Carnegie-Mellon University
- Siewiorek Dan  
1789  
C.vmp: The Analysis, Architecture and Implementation of a  
Fault Tolerant Multiprocessor  
Dan Siewiorek, Mark Canepa and Steve Clark  
Dept of Computer Science, Carnegie-Mellon University(/) -  
December 1976
- Siewiorek Daniel P  
3744  
Reliability in Multiprocessor Systems: A Case Study of  
C.mmp, Cm\* and C.vmp  
Daniel P Siewiorek and Vittai Kini (editors)  
Department of Computer Science, Carnegie-Mellon  
University(CMU-CS-78-143) - October 1978
- Sifakis J  
2665  
Structural Properties of Petri Nets  
J Sifakis  
Scientific and Medical University of Grenoble(Research  
Report No. 102) - December 1977
- SIGOPS  
3480  
(Proceedings)  
Proceedings of the Seventh Symposium on Operating Systems  
Principles  
SIGOPS  
ACM(ACM 534790) - December 1979
- SIGPLAN  
605  
SIGPLAN Notices Vol 7  
SIGPLAN  
(No 6) - June 1972
- SIGPLAN  
606  
SIGPLAN Notices Vol 8  
SIGPLAN  
(No 1) - January 1973
- SIGPLAN  
625  
SIGPLAN Notices Vol 8  
SIGPLAN  
(No 4) - April 1973
- SIGPLAN  
631  
SIGPLAN Notices Vol 7  
SIGPLAN  
(No 7) - July 1972
- Silberschatz  
3425  
Comments on "Communicating Sequential Processes"  
Kieburz and Silberschatz

Silverberg Brad A 3388 Programming with Grammars  
Eric C R Mehner and Brad A Silverberg  
25 April 1979

Silverberg Brad A 3046 Using a Grammatical Formalism as a Programming Language  
Brad A Silverberg  
Computer Systems Research Group, University of Toronto(ISSN  
0316-6295) - January 1978

Simauti Takakazu 2325 Algol N  
Tsurane Iwamura, Katsuhiko Kakehi, Koiti Sakuma, Takakazu  
Simauti, Eiiti Wada and Nobuo Yoneda  
Mathematicorum Universitatis sancit Pauli Tokyo - 1972

Sime M E 2268 Behavioural experiments on programming languages: some  
methodological consi-iderations  
T R G Green, M E Sime and Mike Fitter  
Medical Research Council, Social and Applied Psychology  
Unit(Memo No 66) - 1975

Sime M E 1598 Scope marking in computer conditionals - a psychological  
evaluation  
M E Sime, T. R G Green and D J Guest  
Medical Research Council, Sheffield University(No 48) - June  
1974

Sime M.E. 2424 Psychology and Syntax of programming  
M.E. Sime, T.R.G. Green  
Social and Applied Psychology Unit, Medical Research  
Council.(MRC Memo No. 52) - June 1974

Sime Max 2357 Correspondence on HARE Expreiment (To Knuth D.E.)  
Max Sime  
(MES/FS) - 21st April 1975

Simon H A 2563 A Variety of Intelligent Learning in a General Problem  
Solver  
A Newell, J C Shaw and H A Simon  
The RAND Corporation(P-1742) - July 6 1959

Simon H.A. 1129 A Command Structure for Complex Information Processing  
J.C. Shaw, A. Newell, H.A. Simon and T.O. Ellis  
1958

Simon H.A. 1061 Empirical Explorations of the Logic Theory Machine: A Case  
Study in Heuristics  
A. Newell, J.C. Shaw and H.A. Simon  
The RAND Corporation, California(P-951) - March 14 1957

Simon H.A. 1037 The Simulation of Human Thought  
A. Newell and H.A. Simon  
Mathematics Division, the RAND Corporation(P-1734) - June 22  
1959

Simon H.A. 1130 Report on a General Problem-Solving Program  
A. Newell, J.C. Shaw and H.A. Simon  
The RAND Corporation, California(P-1584) - 30 December 1958

Simon H.A. 1038 The Processes of Creative Thinking  
A. Newell, J.C. Shaw and H.A. Simon  
Carnegie Institute of Technology, the RAND  
Corporation(P-1320) - September 16 1958

Simon Herbert A 3290 (BS)	The Sciences of the Artificial Herbert A Simon Massachusetts Institute of Technology - 1969
Simon Herbert A. 1036	An Example of Human Chess Play in the Light of Chess Playing Programs Allen Newell and Herbert A. Simon Carnegie Institute of Technology - August 1964
Simon Istvan 1347	On Some Subrecursive Reducibilities Istvan Simon Computer Science Department, Stanford University(STAN-CS-77-608) - April 1977
Simonyi Charles 4704 (JES/Simonyi)	Meta-programming: a software production method Charles Simonyi Xerox Palo Alto Research Center(CSL-76)
Simonyi Charles 4705 (JES/Simonyi)	Meta-programming: a software production method Charles Simonyi Xerox Palo Alto Research Center(CSL-76-7) - December 1976
Simpson H R 2270	Mascot - a modular approach to software construction operation and test K Jackson and H R Simpson Royal Radar Establishment(Tech Note 778) - October 1975
Simulation 4092	Simulation Newsletter Simulation University of Lancaster(No. 3) - Summer 1979
Simulation 4244	Simulation Newsletter Simulation (No. 4) - May 1980
Simulation 4127	Simulation Newsletter Simulation (No. 2) - Winter 1979
Singer Andrew 2904	Formal Definition and Design Henry F Ledgard and Andrew Singer University of Massachusetts at Amherst(Report 78-01) - February 1978
Singer Andrew 2680	The Annotated Assistant: A Step Towards Human Engineering Andrew Singer, Henry Ledgard and Jon Hueras University of Massachusetts at Amherst
Singer Andrew 3401	The Case for Human Engineering Henry Ledgard and Andrew Singer Computer and Information Science, University of Massachusetts at Amherst(COINS Technical Report 77-11) - September 1977
Sinha MK 2986	Physical and Logical Abstractions in a Kernel KVS Prasad, N Natarajan, MK Sinha National Centre for Software Development and Computing Techniques - March 1978
Sintzoff M 858	The composition of semantics in Algol 68 R Branquant, J Lewi, M Sintzoff and P L Woden Nov 1971

Sintzoff M 4707 (JES/Sintzoff/For) Forma derivation of strongly correct parallel programs  
A van Lamsweerde and M Sintzoff  
MBLE Research Lab(R338) - October 1976

Sintzoff M 1429 Eliminating Blind Alleys from Backtrack Programs  
M Sintzoff  
MBLE(R280) - January 1975

Sintzoff M 1831 Verification d'assertions pour des fonctions utilisables  
comme valeurs et affectant des variables exterieures  
M Sintzoff  
MBLE Research Lab(R281) - January 1975

Sintzoff M 4430 (JES/Branquart) The Composition of Semantics in Algol 68  
P Branquart, J Lewi, M Sintzoff and P L Wodon  
MBLE Research Lab, Brussels(Vol 14 No 11) - November 1971

Sintzoff M 740 Constructing Correct and Efficient Concurrent Programs  
M Sintzoff and A van Lamsweerde  
MBLE Brussels(Report R266) - 1974

Sintzoff M 1393 Formal Derivation of Strongly Correct Parallel Programs  
A van Lamsweerde and M Sintzoff  
MBLE Research Lab(R338) - October 1976

Sintzoff M 2258 Remarks on the draft reports on Algol 68  
M Sintzoff, P Branquart, J Lewi and P Wodon  
MBLE Laboratoires de Recherches(R96) - January 1969

Sintzoff M 2293 Draft revised report on the algorithmic language Algol 68  
A van Wijngaarden, B J Mailloux, J E L Peck, C H A Koster, M  
Sintzoff and C R Lindsey  
IFIP - July 1973

Sintzoff M 1502 Constructing an efficient cocurrent program  
M Sintzoff and A van Lamsweerde  
MBL Brussels(266) - Seemer 1974

Sintzoff M. 1260 Revised Report on the Algorithm Language  
A. van Wijngaarden, B.J. Mailloux, J.E.L. Peck, C.H.A.  
Koster, M. Sintzoff, C.H. Lindsey, L.G.L.T. Meertens and  
R.G. Fisker

Sintzoff Michel 4857 (JES/Sintzoff) On Language Design for Program Construction  
Michel Sintzoff  
Centre de Recherche en Informatique de Nancy(78-1-001) -  
January 1978

Sintzoff Michel 3824 On Language Design for Program Construction  
Michel Sintzoff  
Centre de Recherche en Informatique de Nancy,  
France(78-1-001)

Sintzoff Michel 4709 (JES/Sintzoff/Inv) Inventing program construction rules  
Michel Sintzoff  
Centre de Recherche en Informatique, Nancy(77-R-011) - May  
1977

Sintzoff Michel 4708 (JES/Sintzoff/Con) Constructing parallel programs describing nondeterministic  
processes  
Michel Sintzoff

Sintzoff Michel Transformation of programs by construction of fixpoints,

4706 Limits of conditions which are recursively strengthened  
(JES/Sintzoff/Tra) Michel Sintzoff

Sintzoff Michel Constructing correct and efficient concurrent programs  
1579 Michel Sintzoff and Axel van Lamsweerde  
MBLE Research Lab, Brussels - 1975

Sintzoff Michel Inventing program construction rules  
2168 Michel Sintzoff  
Centre de Recherche en Informatique, Nancy(77-R-011) - May  
1977

Sirovich F Memory System of a Problem Solver Generator  
668 F Sirovich

Sirovich Franco Memory System of a Problem Solver Generator  
1115 Franco Sirovich  
Dept. of Computer Science, Carnegie-Mellon University -  
September 1972

Sites Richard L Algol. W Reference Manual  
1663 Richard L Sites  
Stanford University(STAN-CS-71-230) - February 1972

Sites Richard L Algol. W Reference Manual  
2511 Richard L Sites  
Stanford University(Stan-CS-71-230) - February 1972

Sites Richard L Some Thoughts on Proving Clean Termination of Programs  
1890 Richard L Sites  
Computer Science Dept, Stanford University(STAN-CS-74-417) -  
May 1974

Sites Richard L Proving that Computer Programs Terminate Cleanly  
1900 Richard L Sites  
Comp Science Dept, Stanford University(STAN-CS-74-418) - May  
1974

Sites Richard L Universal P-Code Definition, version [0.3]  
4053 Richard L Sites and Daniel R Perkins  
University of California at San Diego(UCSD/CS-79/C37) - July  
1979

Sites Richard L Algol W Reference Manual  
1116 Richard L Sites  
Computer Science Dept., Stanford University(STAN-CS-71-230)  
- August 1971

Sleator Dan PCFORTH A Fortran-to-P code Translator  
3354 Fernando Castaneda, Frederick Chow, Peter Nye, Dan  
Sleator, Gio Wiederhold  
Computer Systems Laboratory Stanford  
University(STAN-CS-79-714) - January 1979

Slemon G R Progress report on NRC negotiated development grant  
4710 T E Hull and G R Slemon  
(JES/Slemon) Computer Systems Research Group, University of Toronto(D -  
11) - 1971

Sloane N J A On Constant Weight Codes and Harmonious Graphs  
3841 R L Graham and N J A Sloane  
Department of Computer Science, School of Humanities and

Sciences, Stanford University(STAN-CS-79-777) - December 1979

Sloman M  
4251  
Distributed Process Control Systems: Programming and Configuration  
A Lister, J Magee, M Sloman and J Kramer  
Imperial College, Department of Computing and Control - May 1980

Slutzki G  
3465  
Simple Programs and their Decision Problems  
Amir Pnueli and G Slutzki  
1976 ?

Slutzki Giora  
3538  
Automatic Programming of Finite State Linear Programs  
Amir Pnueli and Giora Slutzki  
Department of Statistics and Computer Science(Technical Report No. 78/6) - April 1978

Smillie K W  
4715  
(JES/Smillie/Recu)  
Recursive and iterative algorithms for the tower of Hanoi puzzle  
K W Smillie  
Dept of Comp Science, University of St Andrews - 1973

Smillie K W  
4711  
(JES/Smillie/Shor)  
A short introduction to APLSV  
K W Smillie  
Dept of Computing Science, University of Alberta(TR75-1) - April 1975

Smillie K W  
4713  
(JES/Smillie/APL)  
APL as a notation for statistical analysis  
K W Smillie  
Dept of Computing Science, University of Alberta - 1972

Smillie K W  
4714  
(JES/Smillie/Func)  
Set of APL functions for the number conversion problem  
K W Smillie  
1973

Smillie K.W.  
419  
A short introduction to APL 360  
K.W. Smillie  
Dept. Computing Science, University of Alberta,  
Canada(Technical Report TR73 - 10) - September 1973

Smith B K  
545  
Functional Characteristics of a Multilingual Processor  
H W Lawson and B K Smith  
IEEE Transactions - July 1971

Smith Brian  
1845  
Towards a Programming Apprentice  
Brian Smith and Carl Hewitt

Smith Brian  
4536  
(JES/Hewitt/April)  
Behavioral Semantics of Nonrecursive Control Structures  
Carl Hewitt, Peter Bishop, Richard Steiger, Irene Greif,  
Brian Smith, Todd Matson and Roger Hale  
Massachusetts Institute of Technology - 9-11 April 1974

Smith Brian  
4535  
(JES/Hewitt/Dec 7)  
Automating Knowledge Based Programming and Validation Using ACTORS  
Carl Hewitt, Peter Bishop, Richard Steiger, Irene Greif,  
Brian Smith, Todd Matson and Roger Hale  
December 1973

Smith D C  
741  
MLISP  
D C Smith  
Stanford University(CS 179) - 1970

ee  
too  
Smillie  
for  
one  
case)

- Smith David Canfie Pygmalion: A Creative Programming Environment  
1206 David Canfield Smith  
Computer Science Dept., Stanford University (STAN-CS-75-499)  
June 1975
- Smith David Canfie MLISP 2  
2099 David Canfield Smith and Horace J Eneas  
Computer Science Dept, Stanford University (STAN-CS-73-356) -  
May 1973
- Smith David Canfie MLISP  
3253 David Canfield Smith  
(BS) Carnegie-Mellon University - October 1970
- Smith Diane C P Data Base Abstractions: Aggregation and Generalization  
1872 John Miles Smith and Diane C P Smith  
Computer Science University of Utah - November 1976
- Smith Diane C.P. Data Base Abstraction  
2356 John M. Smith, Diane C.P. Smith
- Smith Diane P. An Approach to Data Description and Conversion  
627 Diane P. Smith  
Computer Science Department, Stanford University (STAN-CS-77-605) - March 1977
- Smith Francis J Interactive Reference Retrieval in Large Files  
1848 M. Carville, L.D Higgins and Francis J. Smith  
Dept. of Comp. Science, Queen's University of Belfast - 1971
- Smith Francis J On-Line data bank in atomic and molecular physics  
1840 Francis J Smith  
The Queen's University of Belfast - 1972
- Smith Garry The Demos-86 Multimicrocomputer  
3485 Barrie Brinkman, Mark Dowson, Brian McBride and Garry Smith  
Scicon Consultancy International Ltd. - 1979
- Smith Janice The conceptual maze test  
115 Janice Smith, David Jones and Alick Elithorn
- Smith John M. Data Base Abstraction  
2356 John M. Smith, Diane C.P. Smith
- Smith John Miles Data Base Abstractions: Aggregation and Generalization  
1872 John Miles Smith and Diane C.P. Smith  
(Computer Science University of Utah - November 1976
- Smith K C A Virtual Memory System for a Relational Associative  
1925 Processor  
S A (Schuster, E A Ozkanahan and K C Smith  
Computer Systems Research Group, University of  
Toronto (CSRG-64) - December 1975
- Smith K C A Virtual Memory System for a Relational Associative  
2833 Processor  
S A Schuster, E A Ozkanahan, K C Smith  
Computer Systems Research Group, University of  
Toronto (CSRG-64) - December 1975

Smith L D  
3657  
ECCE - the Edinburgh Compatible Context Editor  
L D Smith  
Department of Computer Science, University of  
Edinburgh(Internal Report CSR-24-78) - May 1978

Smith Nancy W.  
1316  
Sail Tutorial  
Nancy W. Smith  
Computer Science Dept., Stanford University(STAN-CS-76-575)  
- October 1976

Smith P J  
3638  
The Design of Highly Concurrent Computing Systems  
P C Treleaven, E P Farrell, N Ghani, S B Jones, B Randell  
and P J Smith  
Computing Laboratory, University of Newcastle upon  
Tyne(Technical Report Number 126) - July 1978

Smith R V  
82  
The literal and the variable in programming languages  
R V Smith  
IBM Research Division - June 14 1965

Smith R.G.  
921  
A Model for Learning Systems  
R.G. Smith, T.M. Mitchell, R.A. Chestek and B.G. Buchanan  
Computer Science Department, School of Humanities and  
Sciences, Stanford University(STAN-CS-77-605) - March 1977

Smith Reid G  
3621  
Models of Learning Systems  
Bruce G Buchanan, Tom M Mitchell, Reid G Smith and [C  
Richard Johnson]C Richard Johnson Jr.  
Stanford Heuristic Programming Project, Computer Science  
Department, Stanford University(STAN-CS-79-692) - January  
1979

Smith Reid Garfiel  
3383  
A Framework for Problem Solving in a Distributed Processing  
Environment  
Reid Garfield Smith  
Stanford University(STAN-CS-78-700) - December 1978

Smith Reid Garfiel  
3360  
A Framework for Problem Solving in a Distributed  
Processing Environment  
Reid Garfield Smith  
Computer Science Department School of Humanities and  
Sciences Stanford University(STAN-CS-78-700) - December 1978

Smith S D  
2960  
and E J Williamson  
P H Abel, P J Ellis, J T Houghton, G Peckham, C D Rodgers, S  
D Smith,  
Remote Sounding of Atmospheric Temperature from  
Satellites(Nimbus Satellite Experiments)

Smith Walter L  
3204  
(BS)  
Queues  
D R Cox and Walter L Smith  
Methuen and Co Ltd(Cat no 2/5235/11) - September 1961

Smoliar Stephen W  
4716  
(JES/Smoliar)  
The arrogant programmer: Dijkstra and Wegner considered  
harmful  
Robert J du Wors and Stephen W Smoliar  
Israel Inst of Technology, Dept of Computer Science,  
Haifa(22) - December 1972

Smolier S.  
431  
A parallel Processing Model of Musical Structures  
S. Smolier  
Mass. Institute of Tech. Cambridge. Mass. - September 1971

Smullin L D                    Insight versus Algorithms: A Leader's View  
4463                            M L Dertouzos, T R Bashkow, H J Carlin, E S Kuh, J E Rowe, L  
(JES/Dertouzos/No)            D Smullin and M E van Valkenburg  
IEEE(Vol E-14 No 4) - November 1971

Smyth M B                      Theory of Computation Report No 12: Powerdomains  
870                              M B Smyth  
Dept of Comp Science, University of Warwick - May 1976

Smyth M B                      Effectively Given Domains  
1918                              M B Smyth  
Department of Computer Science, University of Warwick

Smyth M B                      Powerdomains  
4772                              M B Smyth  
(JES/Smyth)                    University of Warwick(12) - May 1976

Smyth M B                      Unique-Entry Graphs, Flowcharts and State Diagrams  
742                               M B Smyth  
1974

Smyth M B                      Theory of Computation Report No. 12 = Powerdomains  
2937                              M B Smyth  
University of warwick - May 1976

Smyth M.B.                     Powerdomains  
4804                              M.B. Smyth  
(JES/Smyth)                    Department of Computer Science, University of Warwick

Smyth Michael B.              Data Types  
1290                              Daniel J. Lehmann and Michael B. Smyth  
Dept. of Computer Science, University of Warwick - May 1977

Sneath P H A                    Some experiments in the numerical analysis of archaeological  
17                                data  
F R Hodson, P H A Sneath and J E Doran  
Biometrika 53 3 and 4(p 315) - 1966

Sneeringer William            A Dynamic-Type Programming Language that allows type  
2002                              control  
William James Sneeringer IV  
University of North Carolina Dept of Computer Science -  
1975

Snow                             Is Supervisor State necessary?  
480                                Lauer and Snow  
The Newcastle upon Tyne University Computing Lab - December  
1971

Snow C R                        The software Tools Project  
2812                              C R Snow  
University of Newcastle upon Tyne(No. 118) - January 1978

Snow C R                        An Exercise in the Transportation of an Operating System  
1833                              C R Snow  
Computing Lab, University of Newcastle upon Tyne(No 94) -  
December 1976

Snowdod R A                    Some Design Criteria for Program Development Tools  
369                                P Henderson and R A Snowdod

Snowdon                         An Experiment in Structured Programming

426	Henderson and Snowdon University of Newcastle upon Tyne(Technical Report No 18) - 1971
Snowdon R 1690	An experiment in structured programming P Henderson and R Snowdon November 1971
Snowdon R A 452	A view of Creativity, Problem solving and Program Methodologies R A Snowdon Newcastle Computing Laboratory - November 1971
Snowdon R A 725	Some Design Criteria for Program Development Tools Peter Henderson and R A Snowdon (MRM/53) - 1973
Snowdon R A 1631	CADES - Support for the development of complex software G D Pratten and R A Snowdon International Computers Ltd
Snowdon R A 448	2nd copy of PEARL - An interactive system for the preparation and validation of structured programs R A Snowdon The Computing Lab, Newcastle upon Tyne
Snowdon R A 726	Sub-ranges, arrays , consistency etc Peter Henderson and R A Snowdon (PMM/8) - 1974
Snowdon R A 1662	PEARL: An interactive system for the preparation and validation of structured programs R A Snowdon University of Newcastle upon Tyne(No 28) - November 1971
Snowdon R A 479	PEARL: An interactive system for the preparation and validation of structured programs R A Snowdon The Computing Lab, University of Newcastle upon Tyne - November 1971
Snowdon R. 407	An Experiment in Structured Programming P. Henderson and R. Snowdon Computing Laboratory, Newcastle upon Tyne(Technical Report No 18) - 1971
Snowdon R.A. 445	PEARL - An interactive system for the preparation and validation of structured programs R.A. Snowdon The Computing Lab, Newcastle upon Tyne
Snyder Alan 2791	Abstraction Mechanisms in CLU Barbara Liskov, Alan Snyder, Russell Atkinson and Craig Schaffert Massachusetts Institute of Technology(Computation Structures Group Memo 144) - October 1976
Snyder Lawrence 1117	An Analysis of Parameter Evaluation for Recursive Procedures Lawrence Snyder Dept. of Computer Science, Carnegie-Mellon University - April 1973

Sobolewski M 1796	Information storage and retrieval systems - mathematical foundations J Jaegermann, W Marek and M Sobolewski Computation Center Polish Academy of Sciences(214) - 1975
Society British Co 3245 (BS)	Letter to Professor R A Brooker British Computer Society Mrs P Walmisley - May 1978
Society The Britis 4431 (JES/British)	Value Added Tax The British Computer Society The British Computer Society - December 1971
Socket Gary H. 940	Firmware/Hardware Support for Operating Systems: Principles and Selected History Gary H. Socket Center for Research in Computing Technology, Aiken Computation Laboratory y Harvard University, Cambridge, Massachusetts 02138(TR 22-75) - December 1975
Soda G 2042	An APL implementation of an interpreter writing system G Aguzzi, F Cesarini, R Pinzani, G Soda and R Sprugnoli Laboratorio di analisi numerica, Corso Carlo Alberta, Italy(N. 51) - 1973
Softech Microsyste 3818	Presentation Materials, UCSD Pascal Licensing Seminar Softech Microsystems, Inc. Softech Microsystems Inc. 9494 Black Mountain Road, San Diego California U.S.A. - March 1980
Software Sciences 3807	ROBOT - The Organisational Information Management System Software Sciences Products Ltd Software Sciences Products Ltd(D1B02)
Software World 1394	Proceedings of SOFTWARE 74 Software World Software World - Vol 5 Nos 9 and 10 - October 1974
Soisalon-Soininen 1303	Characterization of LL(k) Languages by Restricted LR(k) Grammars Eljas Soisalon-Soininen Dept. of Computer Science, University of Helsinki(A-1977-3) - 1977
Soisalon-Soininen 2436	The Compiler Writing System HLP (Helsinki Language Processor) Kari-Jouko Raiha, Mikko Saarinen, Eljas Soisalon-Soininen, Martti Tienari Department of Computer Science, University of Helsinki, Finland(REPORT-A-1978-2) - 1978
Sokolowski Stefan 3752	Procedures and Functions with Parameters in the Calculus of Relations Stefan Sokolowski Institute of Mathematics, University of Gdansk, Poland(Preprint No. 17) - January 1979
Sokolowski Stefan 3498	Programs and Term Transformers Stefan Sokolowski Institute of Mathematics, University of Gdansk - 1977 ?
Sokolowski Stefan 3527	Dijkstra's wp for General Programs Stefan Sokolowski

Institute of Mathematics, University of Gdansk, Poland -  
1976 ?

- Sokolowski Stefan 3118 Axioms for Total Correctness  
Stefan Sokolowski  
Springer Verlag(Acta Informatica 9,61-71) - 1977
- Solomon Marvin 4833 (JES/Solomon) The Roff Text Formatter (Second Edition)  
Marvin Solomon and Nigel Derrett  
Institute of Mathematics, University of Aarhus(DAIMI MD-23(Second Edition)) - August 1977
- Solow H 536 Design of the Data Description Language Processor  
A French, J Ramirez, H Solow and N S Prywes  
Moore School of Electrical Engineering - December 1971
- Solvberg Arne 2919 A Model for Specification of Phenomena, Properties, and Information Structures.  
Arne Solvberg  
IBM(RJ2027(28348)) - July 1977
- Song S.W. 2397 An Efficient Paralell Grabage Collection System and its CorrectnessProof  
H.T. Kung and S.W. Song  
Department of Computer Science, Carnegie-Mellon University.  
- September 1977
- Sorensen Ib Holm 4829 (JES/Sorensen) A Proposal for a Multi-Programming BCPL System on RIKKE-1  
Ib Holm Sorensen and Eric Kressel  
Institute of Mathematics, University of Aarhus(DAIMI MD-19)  
- October 1975
- Sorensen Ib Holm 1220 The First BCPL System on Rikke-1  
Eric Kressel and Ib Holm Sorensen  
Dept. of Computer Science, University of Aarhus,  
Denmark(DAIMI MD-17) - October 1975
- Sorensen Ib Holm 1175 A Users Manual for the Simulated Rikke-Mathilda System on the CDC 6400  
Ejvind Lynning, Eric Kressel, Hans Ole Sandberg Andersen and Ib Holm Sorensen  
Dept. of Computer Science, University of Aarhus,  
Denmark(DAIMI MD-12) - December 1974
- Sorensen Ib Holm 3934 A Language for System Description  
Ib Holm Sorensen  
Aarhus University, Denmark - 1978?
- Sorensen K 3332 Beitrage Zur Geometrie Und Algebra, NR 4  
C H Fisch, H Karzel, K Sorensen, R Stanik  
Technische Universitat Munchen(TUM-MATH-7818) - July 1978
- Sorensen Ole 4831 (JES/Sorensen) The Emulated OCODE Machine for the Support of BCPL  
Ole Sorensen  
Institute of Mathematics, University of Aarhus(DAIMI PB-45)  
- April 1975
- Sorensen Ole 1305 The Emulated OCODE Machine for the Support of BCPL  
Ole Sorensen  
Dept. of Computer Science, University of Aarhus(DAIMI PB-45)  
- April 1975
- Sorensen Seven Mei Platon - A High Level Language for Systems Programming

1172 Jorgen Staunstrup and Seven Meiborg Sorensen  
University of Aarhus, Denmark(R-75-59) - May 1975

Sorensen Sven Meib 1944 Platon - A High Level Language for Systems Programming  
Jorgen Staunstrup and Sven Meiborg Sorensen  
Aarhus University(R-75-59) - May 1975

Sorensen Sven Meib 4880 Platon: a High Level Language for Systems Programming  
Jorgen Staunstrup and Sven Meiborg Sorensen  
(JES/Staunstrup) RECAU(R-75-59) - May 1975

Sorensen Sven Meib 1164 Platon Reference Manual  
Sven Meiborg Sorensen and Jorgen Staunstrup  
Aarhus University, Denmark(R-75-58) - May 1975

Sorensen Sven Meib 3392 Computer Science in China  
Sven Meiborg Sorensen  
Computer Science Department, Aarhus University(DAIMI TR-6) -  
November 1978

Soundararajan N 3086 Semantics of Parallel Programs and Coroutines  
N Soundararajan  
University of Bombay - September 1977

Spanedda L 129 PANON-1B: a programming language for symbol manipulation  
A Caracciolo de Forino, L Spanedda and N Wolkenstein  
SIC-SAM Symposium - March 1966

Spier Michael J 4280 The Ergonomics of Software Engineering - Description of the  
Problem Space  
Michael J Spier, Steve Gutz, and Anthony I Wasserman  
will appear in Proc. Symp. on Software Engineering  
Environments, June 16-20, 1980 FRG, North-Holland Pub. Co. -  
1980

Spier Michael J 4277 Personal Development Systems for the Professional  
Programmer  
Steve Gutz, Anthony I Wasserman, and Michael J Spier  
Will appear in Computer, 1981 - 1980

Spier Michael J 3161 Software Malpractice - A Distasteful Experience  
Michael J Spier  
Digital Equipment Corporation(SPEI; 05-OCT-75;03:08) -  
October 1975

Spier Michael J 3160 A Pragmatic Proposal for the Improvement of Program  
Modularity and Reliability  
Michael J Spier  
October 1974

Spires 979 (Stanford Physics Information Retrieval System)  
Spires  
Institute for Communication Research, Stanford University(Gn  
600) - December 1967

Spitzen Jay 1705 The Verification and Synthesis of Data Structures  
Jay Spitzen and Ben Wegbreit  
Springer-Verlag(AI 4 127-144) - 1975

Spitzen Jay 2004 ECL Programmer's Manual  
Ben Wegbreit, Ben Brosgol, Glenn Holloway, Charles Prenner  
and Jay Spitzen  
Center for Research in Computing Technology, Harvard

University(21-72) - September 1972

- Spitzen Jay  
947 ECL Programmer's Manual  
Glenn Holloway, Judy Townley, Jay Spitzen and Ben Wegbreit  
Center for Research in Computing Technology, Harvard  
University(23-74) - December 1974
- Spitzen Jay  
2306 The Verification and Synthesis of Data Structures  
Jay Spitzen  
Xerox Palo Alto Research Center
- Spitzen Jay M  
4664 An Implementation of Backtracking for Programming Languages  
(JES/Prenner) Charles J Prenner, Jay M Spitzen and Ben Wegbreit  
Center for Research in Computing Technology Harvard  
University(16-72) - August 1972
- Spitzen Jay Michael  
941 Approaches to Automatic Programming  
Jay Michael Spitzen  
Center for Research in Computing Technology, Harvard  
University, Cambridge, Massachusetts 02138(TR 17-74)
- Sprecher Jerry W  
4223 Computer Assisted Instruction: Current Trends and Critical  
Issues  
Jack A Chambers and Jerry W Sprecher  
Center for Information Processing, California State  
University, Fresno(Research Report No. 80-01) - February  
1980
- Springer Verlag  
2451 The Mathematical Intelligencer  
Springer Verlag  
Springer Verlag, Berlin, Heidelberg, New York(Vol 1 Nr 1) -  
1978
- Sproull Robert F  
1786 A Characterization of Ten Hidden-Surface Algorithms  
Ivan E Sutherland, Robert F Sproull and Robert A Schumacker  
Computing Surveys(Vol 6 No 1) - 1974
- Sprugnoli R  
2042 An APL implementation of an interpreter writing system  
G Aguzzi, F Cesarini, R Pinzani, G Soda and R Sprugnoli  
Laboratorio di analisi numerica, Corso Carlo Alberta,  
Italy(N. 51) - 1973
- Spyratos Nicolas  
3629 Update Semantics of Relational Views  
Francois Bancilhon and Nicolas Spyratos  
IRIA(Rapport de Recherche No 329) - October 1978
- Spyratos Nicolas  
4029 The Abstraction Process in the Relational Model  
Nicolas Spyratos and Francois Bancilhon  
IRIA(342) - January 1979
- Spyratos Nicolas  
3530 The Abstraction Process in the Relational Model  
Nicolas Spyratos and Francois Bancilhon  
IRIA(Rapport de Recherche No 342) - January 1979
- Spyratos Nicolas  
3475 Update Semantics of Relational Views  
Francois Bancilhon and Nicolas Spyratos  
IRIA(Rapport de Recherche No 329) - October 1978
- SRC  
4202 Cooperative Awards in Science and Technology  
SRC  
SRC - April 1980
- SRC  
Computing Science Committee: Annual Report 1976/1977

2699	Session SRC Science Research Council - 1977
SRC 533	Mathematics Committee SRC 1970
SRC 4274	Papers for the meeting of the Distributed Computing Systems panel, Institution of Civil Eng., Jan. 1980 SRC SRC(DCS/79-80/13) - January 1980
SRC 2778	Policy and Programme Review of Research and Training in Computing Science SRC Science Research Council - June 1972
SRC 3942	Report of the Seminar Held at RSRE, Great Malvern, 8/11/78 on Signal Processing Systems SRC SRC - February 1978
SRC 4096	Distributed Computing Systems Annual Report Sept. 78 - Sept. 79 SRC The Computing Science Committee of the SRC - 1979
SRC 3966	Report of the Science Research Council for the Year 1978-1979 SRC SRC - 1979
SRI 3989	Annual Reports for 1978/1979 SRI SRI, California - 1979
Srinivasan C V 197	Logic nets, their characterization, reliability and efficient synthesis K R Kaplan, C V Srinivasan and R O Winder
St. John Ambulance 3777 (Safety)	Digest of First Aid St. John Ambulance St. John Ambulance Association(P00155) - 1975
Staff of Computer 3596	Bibliography of Computer Science Reports Staff of Computer Science Department, Stanford University Computer Science Department, Stanford University(SIAN-CS-73-395) - October 1973
Staff Stanford 976	Bibliography of Computer Science Reports Staff Stanford Computer Science Department, Stanford University(SIAN-CS-72-313) - October 1972
Staff Stanford 975	Bibliography of Computer Science Reports Staff Stanford Computer Science Department, Stanford University(SIAN-CS-72-262)
Standish T A 169	A data definition facility for programming languages T A Standish Dept of Computer Science, Carnegie Inst of Tech - May 18

1967

- Standish T A  
1370 Improving and Refining Programs by Program Manipulation  
T A Standish, D C Harriman, D F Kibler and J M Neighbors  
Department of Information and Computer Science, University  
of California - February 23 1976
- Standish Thomas A  
2619 An Essay on APL  
Thomas A Standish  
Carnegie-Mellon University - 11 March 1969
- Standish Thomas A  
90 A definition of formula Algol  
Alan J Perlis, Renato Iturriaga, Thomas A Standish  
Carnegie Inst of Technology
- Standish Tim  
42 A device for defining classes of elementary data structures  
Tim Standish  
Computation Center, Carnegie Tech - September 29 1966
- Stanford Research  
2520 Annual Report  
Stanford Research Institute  
Computer Science Laboratory, Stanford Research Institute -  
1976
- Stanford Universit  
2721 Bibliography of Computer Science Reports  
Stanford University Staff  
Stanford University(STAN-CS-73-395) - October 1973
- Stanford Verificat  
3611 Stanford Pascal Verifier User Manual  
Stanford Verification Group  
Stanford Verification Group, Computer Science Department,  
Stanford University(STAN-CS-79-731) - March 1979
- Stanik R  
3332 Beitrage Zur Geometrie Und Algebra, NR 4  
C H Fisch, H Karzel, K Sorensen, R Stanik  
Technische Universitat Munchen(TUM-MATH-7818) - July 1978
- Stanley Connie J  
3597 Bibliography of Stanford Computer Science Reports 1963-1978  
Connie J Stanley  
Computer Science Department, Stanford  
University(STAN-CS-78-680) - November 1978
- Statistics Inst, U  
84 Mode Imago Nata  
Statistics Inst, University of Paris
- Statman R  
3763 On Properties Preserved by Contractions of Concurrent  
Systems  
J S Gourlay, W C Rounds, R Statman  
(Draft) - 1978 ?
- Staubstrup Jorgen  
1172 Platon - A High Level Language for Systems Programming  
Jorgen Staubstrup and Seven Meiborg Sorensen  
University of Aarhus, Denmark(R-75-59) - May 1975
- Staubstrup Jorgen  
1945 Platon. Axiomatic Definition  
Jorgen Staubstrup  
Aarhus University(RECAU 75-61) - August 1975
- Staubstrup Jorgen  
1944 Platon - A High Level Language for Systems Programming  
Jorgen Staubstrup and Sven Meiborg Sorensen  
Aarhus University(R-75-59) - May 1975

Staunstrup Jorgen 1164	Platon Reference Manual Sven Meiborg Sorensen and Jorgen Staunstrup Aarhus University, Denmark(R-75-58) - May 1975
Staunstrup Jorgen 958	A Description of the Rikke 1 System Jorgen Staunstrup Department of Computer Science, University of Aarhus, Denmark(DAIMI PB-29) - May 1974
Staunstrup Jorgen 1222	The Rikke-1 Reference Manual Eric Kressel and Jorgen Staunstrup Dept. of Computer Science, University of Aarhus, Denmark(DAIMI MD-7) - April 1974
Staunstrup Jorgen 4880 (JES/Staunstrup)	Platon: a High Level Language for Systems Programming Jorgen Staunstrup and Sven Meiborg Sorensen RECAU(R-75-59) - May 1975
Staunstrup Jorgen 4881 (JES/Staunstrup)	Platon: Axiomatic Definition Jorgen Staunstrup RECAU(RECAU 75-61) - August 1975
Stavi Jonathan 3526 /13011c	A Complete Axiomatic System for Proving Deductions about Recursive Programs David Harel, Amir Pnueli and Jonathan Stavi Laboratory for Computer Science, M.I.T.(MIT/LCS/TM-96) - February 1978
Stavi Jonathan 2819	A Complete Axiomatic System for Proving Deductions about RecupsiveSystems David Harel, Amir Pnueli and Jonathan Stavi April 1977
Stavi Yonatan 3739	Completeness Results for the Future Fragment of Temporal Logic Dov Gabbay, Amir Pnueli, Saharon Shelah and Yonatan Stavi 1979 ?
Steel T B 1020	A Formalization of Semantics for Programming Language Description T.B. Steel Jr. System Development Corporation Santa Monica California - September 1964
Steele Guy Lewis 942	Generation of Optimized Semaphore Synchronization Code Guy Lewis Steele Jr. Center for Research in Computing Technology, Harvard University, Cambridge, Massachusetts 02138(TR-21-75) - May 1975
Steele J Michael 3859	Lower Bounds for Algebraic Decision Trees J Michael Steele and Andrew C Yao Computer Science Department, Stanford University(Stanford Department of Computer Science Report No. STAN-CS-80-810) - July 1980
Steensgaard-Madsen 3418	Classes and Objects - a dynamic approach J Steensgaard-Madsen Department of Computer Science, Cornell University(Technical Report TR78-356) - 1978 ?
Steffens E F M 1563	On-the-fly garbage collection: an exercise in cooperation Edsger W Dijkstra, Leslie Lamport, A J Martin, C S Scholten

and E F M Steffens  
20th October 1975

- Stefik Mark J.  
926 /13011c  
A Review of Knowledge Based Problem Solving as a Basis for  
Mark J. Stefik and Nancy Martin  
Genetics Experiment Designing System(Computer Science  
Department, School of Humanities and Sciences, Stanford  
University) - STAN-CS-77-596
- Stefik Mark Jeffrey  
4051  
Planning with Constraints  
Mark Jeffrey Stefik  
Computer Science Department, Stanford University(Stanford  
Heuristic Programming Project Memo HPP-80-2) - January 1980
- Steiger Richard  
4536  
(JES/Hewitt/April)  
Behavioral Semantics of Nonrecursive Control Structures  
Carl Hewitt, Peter Bishop, Richard Steiger, Irene Greif,  
Brian Smith, Todd Matson and Roger Hale  
Massachusetts Institute of Technology - 9-11 April 1974
- Steiger Richard  
3194  
(BS)  
A Universal Modular ACTOR Formalism for Artificial  
Intelligence  
Carl Hewitt, Peter Bishop, Richard Steiger
- Steiger Richard  
4535  
(JES/Hewitt/Dec 7)  
Automating Knowledge Based Programming and Validation Using  
ACTORS  
Carl Hewitt, Peter Bishop, Richard Steiger, Irene Greif,  
Brian Smith, Todd Matson and Roger Hale  
December 1973
- Steinbruggen R  
3572  
Equivalent Recursive Definitions of certain Number  
Theoretical Functions  
R Steinbruggen  
Institut fur Informatik, Technische Universitat  
Munchen(TUM-INFO-7714) - June 1977
- Steinbruggen R  
3014  
Applying Rules to Non-Rational Functions an Additional SAC-1  
Subsystem  
M Luckmann, R Steinbruggen  
TUM(TUM-INFO-7745) - Dezember 1977
- Steinbruggen R  
3583  
Instantiation Reversal for Polynomials  
M Luckmann, R Steinbruggen  
Institut fur Informatik, Technische Universitat  
Munchen(TUM-INFO-7726) - August 1977
- Stenning Norman Vi  
3856  
Definition and Verification of Computer Network Protocols  
Norman Victor Stenning  
National Physical Laboratory(NPL Report DNACS 15/79) -  
February 1979
- Stenning V  
3434  
Stoneman  
J N Buxton and V Stenning  
August 1979
- Stepczyk Frank M  
3865  
A Case Study in Real-Time Distributed Processing Design  
Frank M Stepczyk  
TRW Systems Engineering and Integration Division,  
California(TRW-SS-78-11) - November 1978
- Stephens P D  
3000  
An Experiment in Doing it Again, But Very Well This Time  
N H Shelness, D J Rees, P D Stephens and J K Yarwood  
University of Edinburgh(CSR-18-77) - December 1977

Stern Dale 2843	The Datacomputer - A network data utility* Thomas Marill and Dale Stern Computer Corporation of America, Cambridge, Massachusetts
Stevens W.P. 1309	Structured Design W.P. Stevens, G.J. Myers and L.L. Constantine 1974
Stevenson David K 2499	Programming the Illiac IV David K Stevenson Carnegie - Mellon University - November 1975
Stevenson Francis 2015	Optimal Measurement Points for Program Frequency Counts Donald E Knuth and Francis R Stevenson BIT 13(313-322) - 1973
Stever John 974	A Decidability Theorem for the Equivalence of Flow Diagrams John Stever University of Minnesota
Stigleitner H 2527	Method and Notation for the Formal Definition of Programming Languages P Lucas, P Lauer and H Stigleitner IBM Laboratory Vienna(TR 25.087) - 28 June 1968
Stigleitner H 2514	Informal Introduction to the Abstract Syntax and Interpretation of PL/I K Alber, H Goldmann, P Lauer, P Lucas, P Oliva, H Stigleitner, K Walk, G Zeisel IBM Laboratory Vienna(TR 25.099) - 30 June 1969
Stigleitner H 152	Method and notation for the formal definition of programming languages P Lucas, P Lauer and H Stigleitner IBM Lab Vienna - June 1968
Stigleitner H 2533	Abstract Syntax and Interpretation of PL/I K Walk, K Alber, M Fleck, H Goldmann, P Lauer, E Moser, P Oliva, H Stigleitner and G Zeisel IBM Laboratory Vienna(TR 25.098) - 30 April 1969
Stigleitner H. 1054	Method and Notation for the Formal Definition of Programming Languages P. Lucas, P. Lauer and H. Stigleitner IBM Lab. Vienna(TR 25.087) - 28 June 1968
Stockmeyer Larry J 1415	Alternation Ashok K Chandra and Larry J Stockmeyer IBM Research Center
Stockmeyer Larry J 1835	Hashing Schemes for Extendible Arrays Arnold L Rosenberg and Larry J Stockmeyer IBM Thomas J Watson Research Center(RC 5586) - 18.8.75
Stockmeyer Larry J 1836	Techniques for Storing Extendible Arrays Arnold L Rosenberg and Larry J Stockmeyer IBM Research(RC 5643) - 29.9.75
Stockmeyer Larry J 4186	Classifying the Computational Complexity of Problems Larry J Stockmeyer IBM Yorktown(RC 7606) - April 1979

Stockmeyer Paul K 2604 On the Optimality of Linear Merge  
Paul K Stockmeyer and F Frances Yao  
Stanford University(STAN-CS-78-669) - September 1978

Stoer J 2556 On the Relation Between Quadratic Termination and  
Convergence Properties of Minimization Algorithms  
J Stoer  
Stanford University(STAN-CS-75-516) - August 1975

Stone H.S. 906 A Parallel Algorithm for the Efficient Solution of a General  
Class of Recurrence Equations  
P.M. Kogge and H.S. Stone  
Digital Systems Laboratory, Dept of Electrical Engineering,  
Stanford University, California(STAN-CS-72-298) - March  
1972

Stone Richard E 3839 Khachiyan's Linear Programming Algorithm  
Bengt Aspvall and Richard E Stone  
Department of Computer Science, School of Humanities and  
Sciences, Stanford University(STAN-CS-79-776) - November  
1979

Stoppard Tom 3274 (BS) The Real Inspector Hound  
Tom Stoppard  
Faber plays(ISBN 0 571 08541 5) - 1968

Stoy J E 4882 (JES/Stoy) OS6-an Experimental Operating System for a Small Computer  
Part 2: Input/output and filing system  
J E Stoy and C Strachey  
Oxford University Computing Laboratory - June 1971

Stoy J E 4721 (JES/Stoy/Proofs) Proofs of correctness of dataflow programs  
J E Stoy  
Massachusetts Inst of Technology(110) - September 1974

Stoy J E 4852 (JES/Stoy) OS6-An Experimental Operating System for a Small Computer-  
Part I  
J E Stoy and C Strachey  
Oxford University Computing Laboratory - May 1971

Stoy J E 4719 (JES/Stoy/OS6) OS6-An experimental operating system for a small computer.  
Part 1: General principles and structure  
J E Stoy and C Strachey  
Oxford University Computing Lab(Vol 15 No 2) - 1972

Stoy J E 4853 (JES/Stoy) OS6-An Experimental Operating System for A Small Computer-  
Part II  
J E Stoy and C Strachey  
Oxford University Computing Laboratory - May 1971

Stoy J E 3855 Why Unix May be our Next System (Confidential)  
C A R Hoare and J E Stoy  
Programming Research Group, Oxford - June 19, 1979

Stoy J E 4720 (JES/Stoy/OS6/Par) OS6-An experimental operating system for a small co mputer.  
Part 2: Input/ouput and filing system  
J E Stoy and C Strachey  
Oxford University Computing Lab(Vol 15 No 3) - 1972

Stoy J.E. 4803 (JES/Stoy) A Simple Applicative Language  
J.E. Stoy

Stoy Joe  
2358 Denotational semantics: The Scott-Strachey Approach to Programming Language Theory  
Joe Stoy  
The MIT Press (Series in Computer Science -1) - 1977

Stoy Joseph  
3320 The Text of O S Pub  
(BS) Christopher Strachey and Joseph Stoy  
Oxford University Computing Laboratory (PRG-)(c)) - July 1972

Stoy Joseph  
3319 The Text of O S Pub  
(BS) Christopher Strachey and Joseph Stoy  
Oxford University Computing Laboratory (PRG-9(t)) - July 1972

Stoy Joseph E  
4235 Foundations of Denotational Semantics  
Joseph E Stoy  
Programming Research Group, Oxford

Stoy Joseph E  
4845 Proofs of Correctness of Dataflow Programs  
(JES/Stoy) Joseph E Stoy  
Massachusetts Institute of Technology (Memo 110) - September 1974

Stoekmeyer Larry J  
1837 Storage Schemes for Boundedly Extendible Arrays  
Arnold L Rosenberg and Larry J Stoekmeyer  
IBM Research (RC 5564) - 7.8.75

Strachey C  
4719 OS6-An experimental operating system for a small computer.  
(JES/Stoy/OS6) Part 1: General principles and structure  
J E Stoy and C Strachey  
Oxford University Computing Lab (Vol 15 No 2) - 1972

Strachey C  
4882 OS6-an Experimental Operating System for a Small Computer  
(JES/Stoy) Part 2: Input/output and filing system  
J E Stoy and C Strachey  
Oxford University Computing Laboratory - June 1971

Strachey C  
783 Fundamental Concepts in Programming Languages  
C Strachey  
Copenhagen Summer School - 1967

Strachey C  
109 Systems Analysis and programming  
C Strachey  
Scientific American (Vol 215 No 3) - September 1966

Strachey C  
743 Some Proposals for Improving the Efficiency of Algol 60  
C Strachey and M V Wilkes  
1961

Strachey C  
4853 OS6-An Experimental Operating System for A Small Computer-  
(JES/Stoy) Part II  
J E Stoy and C Strachey  
Oxford University Computing Laboratory - May 1971

Strachey C  
4720 OS6-An experimental operating system for a small computer.  
(JES/Stoy/OS6/Par) Part 2: Input/output and filing system  
J E Stoy and C Strachey  
Oxford University Computing Lab (Vol 15 No 3) - 1972

Strachey C  
794 Three papers on the mathematical semantics of programming languages  
D Scott, C Strachey and C Wadsworth

(TCF-1)

- Strachey C  
113 A general purpose macrogenerator  
C Strachey  
The Computer Journal(Vol 8 No 3) - October 1965
- Strachey C  
793 A Theory of Programming Language Semantics  
R E Milne and C Strachey  
1974
- Strachey C  
856 The main features of CPL  
D W Barron, J N Buxton, D F Hartley, E Nixon and C Strachey  
The Computer Journal Vol 6 No 2 - July 1963
- Strachey C  
2473 Formal Language Description Languages  
C Strachey, J V Garwick and P Lucas  
Oxford University(WG 2.2) - 20 February 1969
- Strachey C  
4852  
(JES/Stoy) OS6-An Experimental Operating System for a Small Computer-  
Part 1  
J E Stoy and C Strachey  
Oxford University Computing Laboratory - May 1971
- Strachey C.  
4810  
(JES/Strachey) Is Computing Science?  
C. Strachey  
University of Oxford - 1 June 1976
- Strachey Christoph  
1162 Fundamental Concepts in Programming Languages  
Christopher Strachey  
Programming Research Group, Oxford
- Strachey Christoph  
2749 A theory of programming language semantics-part b:standard  
semanticsstore semantics and stack semantics  
Robert Milne and Christopher Strachey  
Chapman and Hall(0 412 14260 0) - 1976
- Strachey Christoph  
76 Towards a formal semantics  
Christopher Strachey  
Proc of IFIP working conference on formal language  
description
- Strachey Christoph  
4723  
(JES/Strachey/Mac) A general purpose macrogenerator  
Christopher Strachey  
Computer Journal(Vol 8 No 3) - October 1965
- Strachey Christoph  
4133 Fundamental Concepts in Programming Languages  
Christopher Strachey  
Oxford, Programming Research Group
- Strachey Christoph  
4724  
(JES/Strachey/For) Formal language description languages for computer  
programming  
Christopher Strachey  
North-Holland Publishing Company - Amsterdam - 1966
- Strachey Christoph  
2840 Toward a Mathematical Semantics for Computer Languages  
Dana Scott and Christopher Strachey  
Oxford University Computing Laboratory, Programming Research  
Group(PRG-6) - August 1971
- Strachey Christoph  
2748 A theory of programming language semantics-part a (2nd  
copy)  
Robert Milne and Christopher Strachey  
Chapman and Hall(0 412 14260 0) - 1976

Strachey Christoph A theory of programming language semantics-part b(2nd copy)  
2750 Robert Milne and Christopher Strachey  
Chapman and Hall(0 412 14260 0) - 1976

Strachey Christoph Towards a Formal Semantics  
1441 Christopher Strachey  
July 1964

Strachey Christoph The Text of O S Pub  
3319 Christopher Strachey and Joseph Stoy  
(BS) Oxford University Computing Laboratory(PRG-9(t)) - July  
1972

Strachey Christoph The 'thinking' machine  
4722 Christopher Strachey  
(JES/Strachey/Thi) 1954

Strachey Christoph Fundamental Concepts in Programming Languages  
1392 Christopher Strachey  
Programming Research Group, Oxford University

Strachey Christoph A theory of programming language semanticspart a: indices  
2747 and appendices, fundamental concepts and mathematical  
foundations  
Robert Milne and Christopher Strachey  
Chapman and Hall(0 412 14260 0) - 1976

Strachey Christoph A Theory of Programming Language Semantics  
1011 Robert Milne and Christopher Strachey  
Oxford University Computing Laboratory - 1973-1974

Strachey Christoph The Text of O S Pub  
3320 Christopher Strachey and Joseph Stoy  
(BS) Oxford University Computing Laboratory(PRG-)(c)) - July  
1972

Stritter Edwin P. File Migration  
1351 Edwin P. Stritter  
Computer Science Department, Stanford  
University(STAN-CS-77-594) - March 1977

Strong H R Translating Recursion Equations into Flow-Charts  
744 H R Strong Jr

Strong H Raymond Extendible Hashing - a Fast Access Method for Dynamic Files  
3410 Ronald Fagin, Jurg Nievergelt, Nicholas Pippenger and H  
Raymond Strong  
IBM Thomas J Watson Research Center(RJ 2305 (31047)) - July  
1978

Strong H.R. Characterizations of Flowchartable Recursions  
972 S.A. Walker and H.R. Strong  
IBM Thomas J. Watson Research Center, New York

Stroustrup Bjarne Classes: An Abstract Data Type Facility for the C Language  
4084 Bjarne Stroustrup  
Bell Laboratories(Computing Science Technical Report No. 84)  
- April 1980

Stuckle E D Developing Large-Scale, Real-Time Software: The BMD-STP  
3869 Experience

J R Distaso, B F Kohl, K W Krause, J W Shively, E D Stuckie,  
J T Ulmer and L R Vallembois  
TRW Systems Engineering and Integration Division,  
California(TRW-SS-79-01) - February 1979

- Stuetzle Werner 3862 Multidimensional Additive Spline Approximation  
Jerome H Friedman, Eric Grosse and Werner Stuetzle  
Computer Science Department, Stanford University(Stanford  
Department of Computer Science Report No. STAN-CS-80-799) -  
May 1980
- Sturgis Howard E 4010 Separating Data From Function in a Distributed File System  
Jay E Israel, James G Mitchell and Howard E Sturgis  
Xerox Palo Alto Research Center(CSL-78-5) - September 1978
- Sufrin Bernard 3796 Programming Language Implementation Techniques  
Bernard Sufrin  
Programming Research Group, Oxford University Computing  
Laboratory(Lecture Notes) - 1979
- Sussman Gerald Jay 3132 SCHEME an Interpreter for Extended Lambda Calculus  
Gerald Jay Sussman and Guy Lewis Steele Jr  
Massachusetts Institute of Technology(AI Memo no 349) -  
December 1975
- Sussman Gerald Jay 3131 LAMBDA The Ultimate Imperative  
Guy Lewis Steele Jr and Gerald Jay Sussman  
Massachusetts Institute of Technology(AI Memo no 353) -  
March 1976
- Sutherland Ivan E 1786 A Characterization of Ten Hidden-Surface Algorithms  
Ivan E Sutherland, Robert F Sproull and Robert A Schumacker  
Computing Surveys(Vol 6 No 1) - 1974
- Sutherland William 83 The Coral Language and Data structure  
William R Sutherland  
MIT Lincoln Lab
- Suzuki N 863 Automatic Program Verification V: Verification-Oriented  
Proof-Rules for Arrays, Records and Pointers  
D Luckham and N Suzuki  
Comp Science Dept, Stanford University - March 1976
- Suzuki N 865 Automatic Verification of Programs with Complex Data  
Structures  
N Suzuki  
Computer Science Department, Stanford University - Feb 1976
- Suzuki Norihisa 1755 Verification-Oriented Proof Rules for Arrays, Records and  
Pointers  
David Luckham and Norihisa Suzuki
- Suzuki Norihisa 3419 Nondeterminism and the Correctness of Parallel Programs  
Lawrence Flon and Norihisa Suzuki  
Department of Computer Science, Carnegie-Mellon University -  
May 1977
- Suzuki Norihisa 1713 Automatic Program Verification V: Verification-Oriented  
Proof Rules for Arrays, Records and Pointers  
David Luckham and Norihisa Suzuki  
Computer Science Dept, Stanford University(STAN-CS-76-549) -  
March 1976

Suzuki Norihisa  
1229 Automatic Program Verification IV: Proof of Termination  
within a Weak Logic of Programs  
David C. Luckham and Norihisa Suzuki  
Computer Science Dept., Stanford University(STAN-CS-75-522)  
- October 1975

Suzuki Norihisa  
1739 Automatic Verification of Programs with Complex data  
structures  
Norihisa Suzuki  
Computer Science Dept, Stanford University(STAN-CS-76-552) -  
February 1976

Suzuki Norihisa  
3676 Proof of Termination within a Weak Logic of Programs  
David C Luckham and Norihisa Suzuki  
Acta Informatica(Volume 8, Pages 21-36) - 1977

Suzuki Norihisa  
1703 Justification of Induction Assertion Methods in Lattice  
Theory  
Norihisa Suzuki

Suzuki Norihisa  
3643 Verification Decidability of Presburger Array Programs  
Norihisa Suzuki and David Jefferson  
Department of Computer Science, Carnegie-Mellon University -  
June 1977

Suzuki Norihisa  
3642 Nondeterminism and the Correctness of Parallel Programs  
Lawrence Flon and Norihisa Suzuki  
Department of Computer Science, Carnegie-Mellon University -  
May 1977

Suzuki Norihisa  
804 Automatic program verification II: Verifying Programs by  
algebraic and logical reduction  
Norihisa Suzuki  
Computer Science Dept, Stanford(STN-CS-74-473) - 1974

Suzuki Norihisa  
1241 Automatic Program Verification II: Verifying Programs by  
Algebraic and Logical Reduction  
Norihisa Suzuki  
Computer Science Dept., Stanford University(STAN-CS-74-473)  
- December 1974

Sventek Joseph S  
4229 A Virtual Operating System  
Dennis E Hall, Deborah K Scherrer, and Joseph S Sventek  
Communications of the ACM(Vol. 23, No. 9) - September 1980

Sweet Richard  
3071 Mesa Language Manual  
James G Mitchell, William Maybury and Richard Sweet  
Xerox(CSL-78-1) - February 1978

Sweet Richard E  
3605 Empirical Estimates of Program Entropy  
Richard E Sweet  
Computer Science Department, Stanford  
University(STAN-CS-78-698) - November 1978

Sweet Richard E  
3422 Empirical Estimates of Program Entropy  
Richard E Sweet  
Xerox Palo Alto Research Center(CSL-78-3) - September 1978

Sweet Roland A  
3372 A Survey of the State of Software for PartialDifferential  
Equations  
Roland A Sweet  
Computer Science Department School of Humanities and  
SciencesStanford University(STAN-CS-79-704) - January 1979

- Swenson J Richard 2831 On the Semantics of the Relational Data Model  
Hans Albrecht Schmid and J Richard Swenson  
Computer Systems Research Group, University of Toronto (ISSN  
0316-6295) - July 1975
- Swinburne J 569 Introduction to Flow Charting  
K Inman and J Swinburne  
Polytech Publishers Limited, Stickport - 1972
- Swinburne J 570 Teacher's Manual for Introduction to Flow Charting  
K Inman and J Swinburne
- Swinehart D C 2044 Recent developments in SAIL-an ALGOL-based language for  
artificial intelligence  
J A Feldman, J R Low, D C Swinehart and R H Taylor  
Fall Joint Computer Conference - 1972
- Swinehart D. C. 978 Recent Developments in SAIL an Algol-based Language for  
Artificial Intelligence  
J. A. Feldman, J. R. Low, D. C. Swinehart and R. H. Taylor  
Computer Science Department, Stanford University (MEMO  
AIM-176/STAN-CS-308) - November 1972
- Symm H J 4086 Realistic Error Bounds for a Simple Eigenvalue and its  
Associated Eigenvector  
H J Symm and J H Wilkinson  
Computer Science Department, Stanford University (Stanford  
Computer Science Department Report NO. STAN-CS-80-787) -  
January 1980
- Symposium on Autom 889 December 16-21 1968  
Symposium on Automatic Demonstration  
Book No 2 (IRIA Domaine de Voluceau 78 Rocquencourt)
- Symposium on Autom 888 December 16-21 1968  
Symposium on Automatic Demonstration  
Book No 1 (IRIA Domaine de Voluceau 78 Rocquencourt)
- Szamok 3941 Report of the 1977/78 Academic year  
Szamok  
Szamok - 1978
- Szanser A J 574 Automatic Error Correction in Natural Texts, Part 2  
A J Szanser  
January 1973
- Szemerédi E 2572 On Multiplicative Representations of Integers  
P Erdos and E Szemerédi  
Stanford University (STAN-CS-75-485) - March 1975
- Szemerédi E 2547 On Sparse Graphs with Dense Long Paths  
P Erdos, R L Graham and E Szemerédi  
Stanford University (STAN-CS-75-504) - September 1975
- Szemerédi E 2565 On Complete Subgraphs of  $r$ -Chromatic Graphs  
B Bollabas, P Erdos and E Szemerédi  
Stanford University (STAN-CS-75-488) - April 1975
- Szijarto M 3746 Trace Languages and Closure Operations  
M Szijarto  
Department of Numerical and Computer Mathematics, L Eotvos

- Szolovits Peter  
1822  
Specialized languages: an applications methodology  
Richard Henry Bigelow, Norton Robert Greenfield, Peter  
Szolovits and Frederick B Thompson  
California Inst of Technology(No 7) - February 1973
- Szolovits Peter  
1824  
A specialized language implementation facility  
Peter Szolovits  
California Institute of Technology(No 10) - December 1973
- Szots M  
3804  
On the incompleteness of proving partial correctness  
T Gergely and M Szots  
Acta Cybernetica(Tom. 4, Fasc. 1) - May 1978
- Taft Edward A  
3515  
Pup: An Internetwork Architecture  
David R Boggs, John F Shoch, Edward A Taft and Robert M  
Metcalf  
Xerox Palo Alto Research Center(CSL-79-10) - July 1979
- Taft Edward A  
4758  
(JES/Taft)  
RPL User's Manual  
Edward A Taft  
Center for Research in Computing Technology - 6 September  
1972
- Taimanov A D  
2498  
Elementary Theories  
Yu. L. Ershov, I A Lavrov, A D Taimanov and M A Taitslin
- Taitslin M A  
2498  
Elementary Theories  
Yu. L. Ershov, I A Lavrov, A D Taimanov and M A Taitslin
- Tan S T  
577  
Representation of Knowledge for very Simple Pawn Endings in  
Chess  
S T Tan
- Tanabe Kunio  
2364  
A Geometric Method in Nonlinear Programming  
Kunio Tanabe  
Computer Science Department, Stanford  
University(STAN-CS-77-643) - December 1977
- Tanenbaum Andrew S  
3115  
A Comparison of Pascal and Algol 68  
Andrew S Tanenbaum  
Vrije University, Amsterdam - July 1977
- Tang Adrian  
4330  
(JES/Sethi/Septem)  
Constructing call-by-value continuation semantics  
Ravi Sethi and Adrian Tang  
Bell Laboratories - September 1976
- Tang Adrian  
4840  
(JES/Sethi)  
Transforming direct into Continuation Semantics for a Simple  
Imperative Language  
Ravi Sethi and Adrian Tang  
Bell Laboratories - April 1978
- Tang Shun-on A.  
745  
Recursion Theory and Descriptive Set Theory in  
Effectively-Given-To Spaceses  
Shun-on A. Tang  
Princeton University - 1974
- Tanner Fred  
2732  
Synchronisation in Datenbasen  
Fred Tanner and Peter C Lockemann