Attardi Giuseppe
Specifying and Proving Properties of Guardians for Distributed Systems
3750
Carl Hewitt, Giuseppe Attardi and Henry Lieberman
M.I.T. (Draft) - January 1979

Attardi Giuseppe
Specifying and Proving Properties of Guardians for Distributed Systems
3708
Carl Hewitt, Giuseppe Attardi and Henry Lieberman
Artificial Intelligence Laboratory, Massachusetts Institute of Technology (Working Paper 172) - April 1972

Attardi Giuseppe
Recursive Data Types in Lisp: A Case Study in Type Driven Programming
1277
Luigia Aiello, Mario Aiello, Giuseppe Attardi, Gianfranco Prini
Instituto di Elaborazione della Informazione, Pisa, Italy

Atwood J W
Project SUE Status Report
1684
J W Atwood, B L Clark, M S Gruschow, R C Holt, J J Horning, K C Sevcik and D Ischritzis
Computer Systems Research Group University of Toronto (CSR6-11) - 5 April 1972

Augustson J Gary
An Analysis of some Graph Theoretical Cluster Techniques
320
J Gary Augustson and Jack Minker
University of Maryland (70-106) - January 1970

Austin Howard
The Logo Primer - Version 1
4402
Howard Austin
(JCS/Austin)
January 4 1975

Awards
Summary of Awards Fiscal Year 1975
4818
(JCS/Awards)
National Science Foundation - 1975

Ba N van
Semiprograms of Address Machines and their Realizations
507
N van Ba

Babonneau J Y
Segmentation automatique des programmes independamment des langages de programmation
826
M S Achard, J Y Babonneau and G Morisset
IRIA (125) - 1975

Back Ralph-Johan
Program Construction by Situation Analysis
4105
Ralph-Johan Back
Helsingin Yliopiston Laskentakeskus Computer Center, University of Helsinki (No. 6) - 1977

Back Ralph-Johan
On the Correctness of Refinement Steps in Program Development
3677
Ralph-Johan Back
Department of Computer Science, University of Helsinki, Finland (Report A-1978-4) - September 1978

Back Ralph-Johan
On the Correctness of Refinement Steps in Program Development
3717
Ralph-Johan Back
Department of Computer Science, University of Helsinki (Report A-1978-4) - September 1978
Backus J W
Automatic Programming Properties and Performance of Fortran 07 Systems I and II
(E5) J W Backus S 300093

Backus J W
The Syntax and Semantics of the Proposed International Algebraic Language of the Zurich AMGAMM Conference 307 IBM Corp - after 1958

Backus J W
Reduction Languages and Variable-free Programming 524

Backus John
Reduction Languages and Variable-free Programming (Abstract and Introduction) 964 John Backus

Backus John
Reduction Languages and Variable-free Programming 4411 IBM Research, Yorktown Heights, New York(RJ 1010) - April 7 1972

Backus John
Reduction Languages and Variable-free Programming 1411 IBM Research(RJ 1010) - April 7 1972

Backus John
Programming Language Semantics and Closed Applicative Languages 1412 IBM Research(RJ 1245) - July 3 1973

Bacopoulos A.
An Error Analysis for Absolute and Relative Approximation 1331 Basser Department of Computer Science, University of Sydney - May 1977

Badel Marc
FortSim: Un systeme d'aide a l'ecriture de simulateurs en fortran 2098 IRIA Lab(No 211) - December 1976

Bauer G.
A Semi-Implicit-Mid-Point Rule for Stiff Systems of Ordinary Differential Equations 3329
Baghdadi A A
Survey of Computer Communication Loop Networks
B K Penney and A A Baghdadi
Department of Computing & Control, Imperial College of Science and Technology, London SW7(Research Report 78/42) - September 1978

Bair Robert Paul
The use of multiple associative memories in programming the growing machine
Robert Paul Bair
Univ of Pennsylvania

Baker F T
System quality through structured programming
IdM Corp

Baker Henry
Laws for Communicating Parallel Processes
Carl Hewitt and Henry Baker
Massachusetts Institute of Technology - 1976

Baker Henry
Laws for Communicating Parallel Processes
Carl Hewitt and Henry Baker
IFIP North-Holland Publishing Company - 1977

Baker Henry
Law for Communicating Parallel Processes
Carl Hewitt and Henry Baker
Massachusetts Institute of Technology(134) - December 1976

Baker R
The Relational Database System OMEGA - August 1975 Progress Report
H A Schmidt, P A Bernstein, B Arlow, R Baker and S Pozgaj
Computer Systems Research Group, University of Toronto(CSUG-72) - July 1976

Bakker J W de
A Calculus for Recursive Program Schemes
De Bakker and de Roever
Stichtung Mathematisch Centrum - February 1972

Bakker J W de
Excursive Procedures
J W de Bakker

Bakker J W de
MR 94 Axiomatics of simple assignments statements
J W de Bakker
SMC - June 1968

Bakker J W de
Problems in the theory of programming languages
J W de Bakker
Amsterdam(MR 91) - 29 August 1967

Bakker J W de
Formal definition of Algorithmic languages
J W de Bakker
Mathematisch Centrum Amsterdam

Bakker J W de
Fixed Point Semantics and Dijkstra's Fundamental Invariance Theorem
J W de Bakker
Mathematisch Centrum, Amsterdam(In 29/75) - January 1975

Bakker J W de
A Calculus for Recursive Program Schemes
J W de Bakker and W P de Roever
Bakker J.W. de
1730
Axiomatics of simple assignment statements
Mathematisch Centrum, Amsterdam (MR 131/72) - February 1972

Bakker J.W. de
595
Recursion, Induction and Symbol Manipulation
Bob I. Tron - (LS1-69-60-U2) - January 1969

Bakker J.W. de
1466
Exercises in Denotational Semantics
K.R. Apt and J.W. de Bakker
Mathematisch Centrum, Amsterdam (IM 57/76) - May 1976

Bakker J.W. de
604
Simple Recursive Program Schemes and Inductive Assertions
J.W. de Bakker and L.G.L. Heertjes
Mathematisch Centrum, Amsterdam - December 1972

Bakker J.W. de
1427
The Fixed Point Approach in Semantics Theory and Applications
J.W. de Bakker
Mathematical Centre, Amsterdam - 1974

Bakker J.W. de
2508
Formal Definition of Algorithmic Languages
J.W. de Bakker
Mathematical Centre at Amsterdam (MR 74) - May 1965

Bakker J.W. de
1828
Correctness Proofs for Assignment Statements
J.W. de Bakker
Dept of Computer Science, Mathematisch Centrum, Amsterdam (IM 55/76) - March 1976

Bakker J.W. de
4414
Recursive Programs as Predicate Transformers
J.W. de Bakker
(JES/Bakker/June)
Mathematisch Centrum, Amsterdam (IM 53/77) - June 1977

Bakker J.W. de
4410
Termination of Nondeterministic Programs
J.W. de Bakker
(JES/Bakker)
Mathematisch Centrum, Amsterdam (IM 50/75) - October 1975

Bakker J.W. de
169
Semantics of programming languages
J.W. de Bakker

Bakker J.W. de
716
Fixed Points in Programming Theory
J.W. de Bakker
Mathematisch Centrum, Amsterdam - 1974

Bakker J.W. de
1459
On the Semantics of PASCAL Procedures
K.R. Apt and J.W. de Bakker
Mathematisch Centrum, Amsterdam

Bakker J.W. de
4409
Correctness Proofs for Assignment Statements
J.W. de Bakker
Mathematisch Centrum, Amsterdam (IM 55/76) - March 1976

Bakker J.W. de
1266
Termination of Nondeterministic Programs
J.W. de Bakker

Bakker J.W. de
1268
On the Completeness of the Inductive Assertion Method
J.W. de Bakker and L.G.L. Heertjes
Mathematisch Centrum, Amsterdam (IM 12/73) - December 1973
Bakker J. M. de
1195
Exercises in Denotational Semantics
K. R. Apt and J. W. de Bakker
Mathematisch Centrum, Amsterdam (IM 57/76) - May 1976

Ball Eugene
4052
Representation of Task-Specific Knowledge in a Gracefully
Interacting User Interface
Eugene Ball and Phil Hayes
Department of Computer Science, Carnegie-Mellon
University (CMU-CS-80-123) - April 1980

Ball G H
603
Research on Isodata Techniques
G. H. Ball and D. J. Hall
Stanford Research Institute - January 1972

Balzer Robert
4413
On the Transformational Implementation Approach to
Programming
Robert Balzer
USC INFORMATION SCIENCES INSTITUTE, CALIFORNIA - April 1976

Balzer Robert
3891
Transformational Implementation: An Example
Robert Balzer
USC INFORMATION SCIENCES INSTITUTE, CALIFORNIA - August 1979

Balzer Robert M.
1003
Automatic Programming
Robert M. Balzer
University of Southern California, Information Sciences
Institute - September 1972

Banachowski Leck
1148
Modular Properties of Programs
Leck Banachowski
(IME/Un)

Banatre J. Poiteau
3046
Conception d' un Systeme Distribue Adapte a la Compilation
J. P. Banatre, F. Kerangueven, J. Leroy, G. Paget, J. P. Routa
IRISA - December 1977

Banatre J. Poiteau
1404
Reliable resource allocation between unreliable processes
J-P Banatre and S. K. Shrivastava
University of Newcastle upon Tyne

Banatre Michel
2677
Un Systeme Conversationnel ALGOL 68 sous les systemes SAR et
Siris 7/8
Michel Banatre
IRIS (Publication Interne No. 48) - July 1976

Bancilhon Francois
3475
Update Semantics of Relational Views
Francois Bancilhon and Nicolas Spyropoulos
IRIA (Rapport de Recherche No 329) - October 1978

Bancilhon Francois
3530
The Abstraction Process in the Relational Model
Nicolas Spyropoulos and Francois Bancilhon
IRIA (Rapport de Recherche No 342) - October 1979

Bancilhon Francois
3629
Update Semantics of Relational Views
Francois Bancilhon and Nicolas Spyropoulos
IRIA (Rapport de Recherche No 329) - October 1978

Bancilhon Francois
4029
The Abstraction Process in the Relational Model
Nicolas Spyropoulos and Francois Bancilhon
IRIA (342) - January 1979
Bandat K
Abstract Syntax and Interpretation of PL/I
2782
K. Walk, K. Alber, K. Bandat, H. Bekic, G. Chroust, V. Kudielka, P. Oliva and G. Zeisel
IBM Laboratory Vienna(TR 25.082) - 28 June 1968

Bandat K
Informal Introduction to the Abstract Syntax and
2755
Interpretation of PL/I
P. Lucas, K. Alber, K. Bandat, H. Bekic, P. Oliva, K. Walk and G. Zeisel
IBM Laboratory Vienna(TR 25.083) - 28 June 1968

Bandat K
Abstract Syntax and Interpretation of PL/I
147
K. Walk, K. Alber, K. Bandat, H. Bekic, G. Chroust, V. Kudielka, P. Oliva and G. Zeisel
IBM Lab. Vienna - December 1967

Bandat K
Informal Introduction to the Abstract Syntax and
146
Interpretation of PL/I
P. Lucas, K. Alber, K. Bandat, H. Bekic, P. Oliva and K. Walk
IBM Lab. Vienna - 15 January 1966

Bandat K
Abstract Syntax and Interpretation of PL/I
157
K. Walk, K. Alber, K. Bandat, H. Bekic, G. Chroust, V. Kudielka, P. Oliva and G. Zeisel
IBM Lab. Vienna - June 1968

Bandat K.
Abstract Syntax and Interpretation of PL/I
1052
K. Walk, K. Alber, K. Bandat, H. Bekic, G. Chroust, V. Kudielka, P. Oliva and G. Zeisel
IBM Lab. Vienna(TR 25.082) - 11 December 1967

Bandat K.
Informal Introduction to the Abstract Syntax and
966
Interpretation of PL/I
P. Lucas, K. Alber, K. Bandat, H. Bekic, P. Oliva and K. Walk
IBM Lab. Vienna(TR 25.083) - 15 January 1968

Banino Jean-Serge
Synchronization for Distributed Systems using a Single
3469
Broadcast Channel
Jean-Serge Banino, Claude Kaiser and Hubert Zimmermann
IRLA(Kalmar Recherches 383) - May 1979

Banks Edwin K
Information Processing and Transmission in Cellular
3110
Automata
Edwin K. Banks
Massachusetts Institute of Technology(MAC 80-TR 81)

Banning John Phine
A Method for Determining the Side-Effects of Procedures
3615
John Phineas Banning
Computer Science Department, Stanford University(SIAM-CS-67-676) - November 1978

Barbacci M
CLAI = A LISP Processor for CLAI
3260
M. Barbacci, H. Goldberg and M. Knudsen
Carnegie-Mellon University(CMU-CS-71-103) - August 1971

Barbacci M
CLAI = A LISP Processor for CLAI
2645
M. Barbacci, H. Goldberg, M. Knudsen
Carnegie-Mellon University(CMU-CS-71-103) - August 1971

Barbacci M
CLAI : A Language to Describe Instruction Sets and Other
3263
Register Transfer Systems
Baroe D L A

Some Observations on Store-and-Forward and Circuit-Switched Data Networks
D L A Baroe
National Physical Lab(TM 36) - January 1970

Barber D L A

Experience with the use of the BS Interface in Computer Peripherals and Communication Systems
D L A Barber
Nat Physical Lab(TM 29) - October 1969

Barden John

The Information and Computing Sciences and Engineering 4443
John Barden
(JES/Computing) Case Inst of Technology, Case Western Reserve University - 1971-1972

Barnard David

Notes on Euclid
W. David Elliott and David T. Barnard
University of Toronto(technical Report CSRG-62) - July 1977

Barnes J G P

Some Comments on Tinman
J G P Barnes
Imperial Chemical Industries Limited - October 1976

Barnes J G P

An informal evaluation of RTL/2 against TINMAN
J G P Barnes
Imperial Chemical Industries Ltd. - October 1976

Barnes J G P

A KDF9 ALGOL list-processing scheme
J G P Barnes
The Computer Journal - July 1965

Barr Avron

Representation of Knowledge
Avron Barr and James Davidson
Computer Science Department, School of Humanities and Sciences, Stanford University(Stanford Heuristic Programming Project Memo HPP-80-3) - March 1980

Barracloough E D

The Medusa Current Awareness Experiment
E D Barracloough, A J A Hunter, A J Lovett and B N Rossiter
Computing Lab., University of Newcastle upon Tyne - October 1976

Barron D W

Assemblers and Loaders
D W Barron
MacDonald/American Elsevier Computer Monographs - 1969

Barron D W

CPL Bulletin
D W Barron
University Mathematical Laboratory, Cambridge(CPL Bulletin Number 1) - February 1964

Barron D W

Recursive Techniques in Programming
D W Barron
MacDonald Computer Monographs(SBN 956 02201 3) - 1968

Barron D W

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
Barron John Leonard Dialogue Organization and Structure for Interactive Information Systems

Barrow H G Tokyo-Edinburgh dialogue on robots in artificial intelligence research

Barstow David A Hypothetical Dialogue Exhibiting a Knowledge Base for a Program Understanding System

Barstow David A hypothetical dialogue exhibiting a knowledge base for a program understanding system

Bartmann Dieter Die optimale Regulierung des Kassenbestandes eines Kreditinstitutes unter besonderer Berücksichtigung des Sicherheitsmotivs

Bartussek W Using Predicate Transformers to Verify the Effects of ‘Real’ Programs

Bartussek W Using Predicate Transformers to Verify the Effects of ‘Real’ Programs

Bartussek Wolfram Using Traces to Write Abstract Specifications for Software Modules

Bartussek Wolfram Proving that an implementation meets its abstract specification

Basile Victor

Bashkov I R Insight versus Algorithm: A Leader’s View

Basili Victor On Programming Languages for Graph Algorithms

Barron John Leonard Dialogue Organization and Structure for Interactive Information Systems

Barrow H G Tokyo-Edinburgh dialogue on robots in artificial intelligence research

Barstow David A Hypothetical Dialogue Exhibiting a Knowledge Base for a Program Understanding System

Barstow David A hypothetical dialogue exhibiting a knowledge base for a program understanding system

Bartmann Dieter Die optimale Regulierung des Kassenbestandes eines Kreditinstitutes unter besonderer Berücksichtigung des Sicherheitsmotivs

Bartussek W Using Predicate Transformers to Verify the Effects of ‘Real’ Programs

Bartussek W Using Predicate Transformers to Verify the Effects of ‘Real’ Programs

Bartussek Wolfram Using Traces to Write Abstract Specifications for Software Modules

Bartussek Wolfram Proving that an implementation meets its abstract specification

Basile Victor

Bashkov I R Insight versus Algorithm: A Leader’s View

Basili Victor On Programming Languages for Graph Algorithms
University of Maryland(TR-158) - June 1971
Basili Victor R
SIMPL-X A Language for Writing Structured Programs
3294
Victor R Basili
University of Maryland(TR-223) - January 1973
Basili Victor R
GRAAL - A graph algorithmic language
342
Werner C Rheinboldt, Victor R Basili and Charles K Mesztienyi
University of Maryland(TR 165) - August 1971
Baskett F
The Design of a Low-cost Video Graphics Terminal
809
F Baskett and Leonard Shustek
Comp Sci Dept, Stanford University - June 1976
Baskett Forest
Queueing Network Models with Different Classes of Customers
4415
Forest Baskett and Richard R Muntz
IEEE Computer Society Conference - September 1972
Baskett Forest
The Ao Inversion Model of Program Paging Behavior
1359
Forest Baskett and Abbas Rafii
Computer Science Department, Stanford
University(Stan-CS-76-579) - November 1976
Bastin D
The stability problem of broadcast packet switching computer network
1803
G Fayolle, E Gelenbe, J Labetoulle and D Bastin
IRIA No 75 - June 1974
Basu Sanat K
Program verification by predicate transformation
1762
Sanat K Basu and Raymond I Yeh
University of Texas(SESLTC-1) - August 1974
Basu Sanat K
Strong verification of programs
2243
Sanat K Basu and Raymond I Yeh
University of Texas(SESLTR-13) - June 1975
Bates D B
Practising Science in Northern Ireland
2133
D B Bates
Nature(Vol 250 No 5499 pp 754-757) - August 30 1974
Bates Joseph Louis
A Logic for Correct Program Development
4180
Joseph Louis Bates
Department of Computer Science, Cornell(TR79-368) - August 1979
Batson A P
Unified models of pricing and scheduling with application to shared computer facilities
495
A P Batson and J G Williams
University of Virginia
Baudet G
Optimalite de l'organisation sequentiel de l'information sur un tambour de pagination
1804
G Baudet, J Boullenger and J Ferrie
IRIA(No 79) - September 1974
Bauer F L
Programming as an evolutionary process
1047
F L Bauer
Technische Universitat Munchen(7017) - 1976
Bauer F L
Towards a Wide Spectrum Language to Support Program Specification and Program Development
2093
F L Bauer, M Broy, R Gnatz, B Krieg-Bruckner, H Partsch, P
Bauer F L
Top-Down Teaching of Informatics in Secondary School
Technische Universität München (No 7502)
F L Bauer, H Petsch, P Pepper, H Mossner
TUM(THM-INF/729) - July 1977

Bauer F L
Notes on the Project CIP: Outline of a Transformation System
TUM-Institut für Informatik - Juli 1977

Bauer F L
Revised Report on the Algorithmic Language ALGOL 60
(J.E.S./Naur/1963)
Peter Naur, J W Backus, F L Bauer, J Green, C Katz, J McCarthy, A J Perlis, H Kutkehsauer, K Samuelson, B Vauquelin, J H Wegstein, A van Wijngaarden and M Woodger
Communications of the ACM (Jan 1963) - 1963

Bauer Friedrich L
Notes on the Project CIP: towards a wide spectrum language to support program development by transformations
Friedrich L Bauer, Manfred Groy, Rupert Gnatz, Wolfgang Hesse, Bernd Krieg-Brückner
TUM(THM-INF/722) - July 1977 3148

Bauer R L
A Philosophy of Programming
University of London - October 1973

Bayer R
Decentralized Concurrency Control in Distributed Database Systems
Technische Universität München (THM-18005) - April 1980
Bayer R
Decentralized Concurrency Control in Distributed Database Systems
R Bayer, K Elhardt, H Heller, A Reiser
Technische Universität München (TUM-18005) - April 1980

Bayer Rudolf
AGGREGATES: A Software Design Method and its Application to a Family of Transitive Closure Algorithms
Rudolf Bayer
Technische Universität München (7432) - September 1974

Bayer Rudolf
AGGREGATES: A Software Design Method and its Application to a Family of Transitive Closure Algorithms
Rudolf Bayer
Technische Universität München (Report No. 7432) - September 1974

Bayer Rudolf
Multilevel Storage Control in Programming Languages
Rudolf Bayer
Scientific Research Laboratories (01-82-0795) - December 1968

Bayer Wendell Terr
Recognition of topological invariants by iterative arrays
Wendell Terr Bayer

Bazilevskii Yu. Ya
The Theory of Mathematical Machines
Yu. Ya. Bazilevskii
Pergamon Press - 1963

BBN
Communications Oriented Language (Col): Language Implementation and Usage
BBN
Bolt Beranek and Newman Inc. (R-3533) - May 1977

BBN
Communications Oriented Language (Col): Language Definition
BBN
Bolt Beranek and Newman Inc. (R-3534) - May 1977

BCS
Algo! Association Communication No. 12
BCS
BCS (12) - 1977

BCS Specialist Group
Facts Facts Newsletter
BCS Specialist Group on Formal Aspects of Computing Science
Loughborough University of Technology - April 1980

BCS Study Group
Newsletter of the BCS Study Group on Artificial Intelligence and Simulation of Behaviour
BCS Study Group (Issue 5) - January 1968

Beck J
Similarity Grouping of Curves
J Beck

Beck J
Relation between Similarity Grouping and Perceptual Constancy
J Beck

Beckett R J
DESI - Differential Equations solved Interactively
D C S Allison and R J Beckett
Beeck Helmut

Linear Programming with Inexact Data

Helmut Beeck

Technische Universität München (TUM-ISU/830) - November 1976

Beker Catriel

An Algorithmic Approach to Normalization of Relational Databases

S. Beker

Computer Science Research Group, University of Toronto (CSRG/73) - September 1976

Bekic H

Towards a mathematical theory of processes

IBM Laboratory, Vienna (TR 25.118) - February 1971

Bekic H

An Informal Introduction to the Abstract Syntax and Interpretation of PL/I

IBM Laboratory, Vienna (TR 25.119) - December 1974

Bekic H

A Formal Definition of a PL/I Subset: Part II

IBM Laboratory, Vienna (TR 25.139) - December 1974

Bekic H

A Formal Definition of a PL/I Subset: Part I

IBM Laboratory, Vienna (TR 25.139) - December 1974

Bekic H

Abstract Syntax and Interpretation of PL/I

IBM Laboratory, Vienna (TR 25.139) - December 1974
Bekic H
2782    K Walk, K Alber, K Bandat, H Bekic, G Chroust, V Kudielka, P Oliva and G Zeisel
 IBM Laboratory Vienna (TR 25,082) - 28 June 1968

Bekic H
2339    An introduction to Algol 68
        H Bekic
 IBM Lab Vienna (TR 25,118) - 1 February 1971

Bekic H
147     Abstract syntax and interpretation of PL/1
        K Walk, K Alber, K Bandat, H Bekic, G Chroust, V Kudielka, P Oliva and G Zeisel
 IBM Lab Vienna - December 1967

Bekic H
148     Informal introduction to the abstract syntax and interpretation of PL/1
        P Lucas, K Alber, K Bandat, H Bekic, P Oliva and K Walk
 IBM Lab Vienna - 15 January 1968

Bekic H
1089    Towards a Mathematical Theory of Processes
        H Bekic
 IBM Laboratory Vienna (TR 25,125) - 17 December 1971

Bekic H
1052    Abstract Syntax and Interpretation of PL/1
        K Walk, K Alber, K Bandat, H Bekic, G Chroust, V Kudielka, P Oliva and G Zeisel
 IBM Lab Vienna (TR 25,082) - 11 December 1967

Bekic H
966     Informal Introduction to the Abstract Syntax and Interpretation of PL/1
        P Lucas, L Alber, K Bandat, H Bekic, P Oliva and K Walk
 IBM Lab Vienna (TR 25,083) - 15 January 1968

Bekkers Y
2071    Types de Synchronisation et Types Abstraits Concurrentiels
 B. Beckers, Ph. Baroneau and T Muntean
 Universite de Grenoble (Research Report N. 108)

Bekkers Yves
2676    A Versatile Programmable Hardware Monitor
 Yves Bekkers and Bertrand Decouy
 I.R.I.S.A (Publication Interne No. 59)

Bekkers Yves
2301    Conception et realisation d'une machine-langage de haut niveau adaptee a L'ecriture de systemes
 Yves Bekkers, Daniel Herman and Michel Raynal
 Universite de Rennes - September 1975

Belady LA
2607    IEEE Transactions on Software Engineering
        IEEE Computer Society (Vol. SE-4, No. 4) - July 1978

Belady LA
2924    Research Report - Evolving Parts and Relations - a model of system families
        L A Belady and P H Merlin
        IBM (RC 6677) - August 1977

Bell C G
3283    ISP: A Language to Describe Instruction Sets and Other Register Transfer Systems
        M Baroacci, C G Bell and A Newell
        Carnegie-Mellon University

Bell C G
1482    Cmp-A multi-mini-processor
        William A Wulf and C G Bell
        Carnegie-Mellon University
WITHDRAWN
Bennett J. M.

Australian Academic Computing and the ASIEC Report
J. M. Bennett and J. Kummerfeld
Basser Department of Computer Science, University of Sydney,
Australia (Technical Report No. 134) - February 1978

Networking for Education and Research in the South Pacific
J. M. Bennett
Basser Dept of Computer Science, University of Sydney
- January 1974

Bennyett J. M.

Quadratic Programming and Piecewise Linear Networks with
Structural Engineering Applications
J. M. Bennett
Basser Department of Computer Science, University of Sydney
- September 1976

Bennett J. M.

Effectiveness of Australian Tertiary Educational Training
for South East Asia over the Last Quarter Century
J. M. Bennett
Basser Department of Computer Science, University of Sydney
- September 1976

Bennett J. M.

Computer Networking
J. M. Bennett
Basser Department of Computer Science, University of Sydney
- March 1976

Bennett J. M.

Some Australian Experiences in the Design and Operating of
Information Retrieval Systems
J. M. Bennett
Basser Department of Computer Science, University of Sydney
- October 1975

Bennett James

SACON: A Knowledge-Based Consultant for Structural Analysis
James Bennett, Lewis Creary, Robert Englemore and Robert
Melosh
Stanford Heuristic Programming Project, Computer Science
Department, Stanford University (STAN-CS-78-699) - September
1978

Bennett James S

Applications-oriented AI Research: Science and Mathematics
James S. Bennett, Bruce G. Buchanan, Paul R. Cohen and Fritz
Fisher
Stanford Heuristic Programming Project, Computer Science
Department, Stanford University (STAN-CS-79-756) - August
1979

Bennett James S

Applications-oriented AI Research: Education
William J. Clancey, James S. Bennett and Paul R. Cohen
Stanford Heuristic Programming Project, Computer Science
Department, Stanford University (STAN-CS-79-749) - July 1979

Bennett James S

Applications-oriented AI Research: Medicine
Vicor B. Ciesielski, James S. Bennett and Paul R. Cohen
Stanford Heuristic Programming Project, Computer Science
Department, Stanford University (STAN-CS-79-757) - August
1979


Bennett John M. Preparation, Promotion and Retrieval of Statistics and other Legal Material. Article in the journal Computer Science, Department of Computer Science, University of Sydney, N.S.W., Australia (Technical Report No. 120). May 1977.


Bennett K. M. Visit Report: CREST/SRC course on Distributed Databases (Sheffield, July 1979).
Bennetts R G
Synopsis for book, Algorithms for the Assessment of System
Reliability
G R Zevski and R G Bennetts
Kingston Polytechnic

Benson C T
A calculus for a certain class of word problems in groups
C T Benson and N S Mendelson

Benson David B
Parameter Passing in Nondeterministic Recursive Programs
2980
David B Benson
Computer Science Department, Washington State University(CS-77-043) - April 1978

Bentley J L
An Algorithm for Finding Best Matches in Logarithmic Time
6433
J L Bentley
Stanford University(STAN-CS-75-482) - 1975

Bentley Jan Louis
A Survey of Techniques for Fixed Radius Near Neighbor
2954
Jan Louis Bentley
Stanford University(SLAC Report No. 186) - August 1975

Bentley Jon Louis
An Alphabetic Specification of a Correct and Efficient
Transformation on Data Structures
3049
Jon Louis Bentley and Mary Shaw
Department of Computer Science, Carnegie-Mellon University - December 1978

Bentley Jon Louis
An Algorithm for Finding Best Matches in Logarithmic Time
1678
J L Bentley, J W Michael and R A Finkel
Stanford University(STAN-CS-73-482) - February 1975

Bentley Jon Louis
Transforming Static Data Structures to Dynamic Structures
3095
James B Saxe and Jon Louis Bentley
Department of Computer Science, Carnegie-Mellon University(CMU-CS-79-141) - September 1979

Bentley Jon Louis
Decomposable Searching Problems
3745
Jon Louis Bentley
Department of Computer Science, Carnegie-Mellon University(CMU-CS-78-145) - October 1978

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

Berg E
Mercury Autocode Manual
4610
E R Brooker, B Richards, E Berg and R H Kerr
(JES/Mercury/1961) Ferranti(1964) - June 1961

Bergstra J A
Expressiveness and the Completeness of Hoare's Logic
4307
J A Bergstra and J W Tucker
Mathematisch Centrum, Amsterdam(114 149/80) - October 1980

Bergstra J A
The Field of Algebraic Numbers Fails to Possess Even a Nice
Sound, if Relatively Incomplete, Hoare-like Logic for its
While-Programs
4308
J A Bergstra and J W Tucker
Mathematisch Centrum, Amsterdam (in 136/80) – April 1980


Berkeley Workshop
Distributed Data Management and Computer Networks
967
Lawrence Berkeley Lab., University of California (LBL-5315) – May 25-29, 1975

BERNING Paul T.
A Semantic (7J) Implementation Standard for Jovial (J73)
1271
IBM Systems Group, California (RADG-TR-75-211) – 30 June 1975

Berkeley Workshop

BERNING Paul T.
Improvements to Semanol
2433
Paul T. Berning

BERNSTEIN A. J.
Implementation of a parallel processing language
249
A. J. Bernstein and J. B. Johnston

BERNSTEIN A. J.
Implementation of a parallel processing language
100
A. J. Bernstein and J. B. Johnston
Research and Development Center, New York (67-C-080) – March 1967

BERNSTEIN P. A.
The Relational Data Base System OMEGA – August 1975 Progress Report
1794
H. A. Schmidt, P. A. Bernstein, B. Arlao, K. Baker, S. Pozgaj
Computer Systems Research Group, University of Toronto (CSRG-72) – July 1976

BERNSTEIN Philip A.
An Algorithmic Approach to Normalization of Relational CCG
1793
and NAS – Database Schemata and to Knowledge
Philip A. Bernstein and Catriel Beeri
Computer Systems Research Group, University of Toronto (CSRG-73) – September 1976

BERNSTEIN Philip A.
Mathematical Semantics through a lattice structured alternative to Islin, C. Luch or Abi
455
C. Paul Berry

BERNSTEIN Philip A.
Mathematical Semantics through a lattice structured alternative to Islin, C. Luch or Abi
455

BERRY C. Paul
Mathematical Semantics through a lattice structured alternative to Islin, C. Luch or Abi
1971

BERRY C. Paul
Mathematical Semantics through a lattice structured alternative to Islin, C. Luch or Abi
1971

BERRY D. Daniel
Introduction to Oregon
401
Daniel Berry
Brown University, Providence, Rhode Island (Center for Computer and Information Sciences TR 70 – 24) – September 1970

BERRY D. Daniel
Tasking in Oregon
402
Daniel Berry
Brown University, Providence, Rhode Island (Center for Computer and Information Sciences TR 71 – 36) – March 1971
Berry Daniel M Towards a Definition of Structured Programming
(JES/Lucena) Computer Science Dept, University of California - 1974
Berry G Sequentialitie de l'évaluation formelle des λ - Expressions
(JES/Berry) Institute de Programmation
Berry Gerard Minimal and Optimal Computations of Recursive Programs
(JES/Berry) Ecole des Mines, Sophia-Antipolis, France and IRIA-LABORIA, France
Berthod Marc Forlisp 1: Un Lisp Hyperportable
955 Marc Berthod IRIA, Domaine de Voluceau, Rocquencourt, France (Rapport de Recherche No 174) - Juin 1976
Bertoni A Grammatiche Context-free su Spaze Metrici Compatti
028 A Bertoni
Bertran M Structured Design and Implementation of the Central Control of a High Voltage Power Dispatching System
4036 H W Lawson, M Bertran and J Xampany IFAC Symposium, Melbourne, 21-25, Feb. 1977 - 1977
Best E Design and analysis of highly parallel and distributed systems
3542 P E Lauer, M W Shields and E Best Computing Laboratory, University of Newcastle upon Tyne - 1979
Best E A Step Towards a Solution of the Liveness Problem in Petri Nets
2899 H A Schmid and E Best Computing Laboratory, Newcastle upon Tyne (No. 114) - February 1978
Best E On the Liveness Problem of Petri Net Theory
1539 E Best University of Newcastle upon Tyne (ASM/6) - 24th June 1976
Best E On Partial Liveness
1533 E Best University of Newcastle upon Tyne (ASM/13) - 13th October 1976
Best E On the Problem of Achieving Adequacy of Concurrent Programs
1589 P E Lauer, E Best and M W Shields Newcastle upon Tyne University (ASM/18) - 19th January 1977
Best E The SOLO Operating System Described by Petri Nets
1537 E Best University of Newcastle upon Tyne (ASM/8) - 2nd August 1976
Best E Design and analysis of highly parallel and distributed systems
3436 P E Lauer, M W Shields and E Best Computing Laboratory, University of Newcastle upon Tyne (Technical Report Number 142) - June 1979
Best E (1970) That nice Dynamics do not necessarily imply nice Statics
University of Newcastle upon Tyne (ASM/11) - 27th September 1970
Best E (1976) A Remark on Lipton's Reduction Method
University of Newcastle upon Tyne (ASM/4) - 18th June 1976
Best E (1977) Design and analysis of highly parallel and distributed systems
Computing Laboratory, University of Newcastle upon Tyne - 1977
Best E (1977) A Theorem on the Characteristics of Non-sequential Processes
University of Newcastle upon Tyne (ASM/11) - 27th September 1977
Best E (1977) Incorporation of Path Notation into a Programming Language
University of Newcastle upon Tyne (ASM/9) - 23rd August 1976
Best E. (1977) SOLO and the Path Notation
Computing Laboratory, University of Newcastle Upon Tyne (ASM/12) - 27th September 1976
Best Eike (1977) On the problems of achieving adequacy of concurrent programs
University of Newcastle upon Tyne Computing Laboratory (Technical Report No 103) - 1977
Best Ellie (1977) Remarks on Concurrency
Aarhus University, Denmark - June 1977
Bestin J (1978) Resource allocation
Queen's University of Belfast - June 1978
Bestin J (1978) A Survey of Techniques for Analysis Memory Interference in Multi-processor Computer Systems
Bhandarkar D P (1978) Proof search in a Gentzen-like system of first-order logic
Technische Universität München (1978)
March 1978
Bidoit M

A System Which Synthesizes Array-Manipulating Programs from Specifications

M. Bidoit, C. Gresse, G. Guindo
Laboratoire de Recherche en Informatique, Université de Paris-Sud(Rapport de Recherche No 28) - February 1979

Bidoit Michel

Conception et Certification de Programmes a Partir d'une Decomposition par les Données

Gerard Guindo, Christian Gresse, Michel Bidoit
L.R.I., Université de Paris-Sud, Orsay(No 60) - March 1980

Bidoit Michel

Étude Comparative des Différents Modes de Specification des Types Abstraits

Michel Bidoit
L.R.I., Orsay, France(69) - March 1980

Bidulock Donald S

The Modular Design of a Network Message Processor

Brian W. Unger and Donald S. Bidulock
University of Calgary, Alberta

Biernals H

Registertransfersprache PHPL Sprachbeschreibung

H. Anlauf, H. Bierhals, P. Funk, P. Meinen
Institut für Informatik, Technische Universität München(TUM-INFO-7720) - June 1977/in German

Biering-Sorensen S

ESMERALDA - An Intelligent Satellite for Interactive Graphics

Stephen Biering-Sorensen and Niels Jørgen Nielsen
Department of Computer Science, University of Aarhus(DAIMI P-69) - June 1977

Bigelow Richard Ne

Specialized languages: an applications methodology

Richard Henry Bigelow, Horton Robert Greenfield, Peter Szolovits and Frederick B. Thompson
California Inst of Technology(No 7) - February 1976

Binford T.O.

Exploratory Study of Computer Integrated Assembly Systems

National Science Foundation, Washington DC(STAN-CS-76-568) - August 1976

Binford T.O.

Exploratory Study of Computer Integrated Assembly Systems(Progress Report 4, Covering the Period 1 August 1976 to 31 March 1977)

Computer Science Department, Stanford University(STAN-CS-76-568) - June 1977

Binford Thomas O

After LEIBNIZ... Discussions on Philosophy and Artificial Intelligence

D. Bruce Anderson, Thomas O. Binford, Arthur J. Thomas, Richard M. Meyrauch and Yorick A. Wilks
Computer Science Department, Stanford University(STAN-CS-74-411) - March 1974
Bird M R
Binary relations and flow-diagrams
2229
University College of Swansea (Memo no 11) - September 1969

Bintwistle Graham
3184
Graham Bintwistle, Lars Enander, Mats Uhlin and Jacob Palme
University of Essex (KILS number: P8-243 004)

Bishop Peter
Automating Knowledge Based Programming and Validation Using ACTORS
64535
(JES/Hewitt/Dec 7) Carl Hewitt, Peter Bishop, Richard Steiger, Irene Greif,
Brian Smith, Todd Matson and Roger Hale
December 1973

Bishop Peter
A Universal Modular ACTOR Formalism for Artificial Intelligence
3194
Carl Hewitt, Peter Bishop, Richard Steiger
(85)

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

Bittmann P
Zur Implementierung von Kandelaberstapelrn
3561
P. Bittmann
Institutt fur Informatik, Technische Universität
München (TUM-INFO-77/02) - February 1977/1n German

Bittmann P
Verkehrsmengenentdeckung bei Konjunktiven Wartebereihungen
3016
P. Bittmann, R. Reiser, C. Ringel, R. Unntauer
TUM (TUM-INFO-78/04) - February 1978

Bjorck A
Eigenprobleme für Matrizen (Massachusetts Institute of Technology 1973)
2571
A. Bjorck and G. H. Golub
Stanford University (Stan-CS-75-486) - March 1975

Bjorner, D
A Formal Definition of a PL/I Subset
4418
H. Bekic, D. Bjorner, M. Hennekam, C. B. Jones and P. Lucas
(JES/Beck/Part I) IBM Laboratory Vienna (TR 25.139) - 20 December 1974

Bjorner, D
A Formal Definition of a PL/I Subset (Parts I and II)
776
H. Bekic, D. Bjorner, M. Hennekam, C. B. Jones and P. Lucas
IBM Laboratory Vienna (TR 25.139) - 1974

Bjorner, D
A Formal Definition of a PL/I Subset: Part II
2503
H. Bekic, D. Bjorner, M. Hennekam, C. B. Jones and P. Lucas
IBM Laboratory Vienna (TR 25.139) - 20 December 1974

Bjorner, D
A Formal Definition of a PL/I Subset
Björner, D.

1. A Formal Definition of a PL/1 Subset
   - H. Bekic, O. Björner, W. Henning, C. B. Jones, and P. Lucas
   - IBM Laboratory Vienna (IR 25,139) - 20 December 1974

2. Finite State Tree Transformations
   - D. Björner
   - IBM Research - June 1972

3. The Systematic Development of a Compiling Algorithm
   - D. Björner
   - Dept. of Computer Science, Technical University of Denmark (ID 681) - 1 July 1977

4. Systematic Program Derivation Techniques
   - D. Björner
   - Dept. of Computer Science, Technical University of Denmark (ID 677) - February 1977

5. Formal Description of Programming Concepts - A Software Engineering Viewpoint
   - D. Björner

6. Programming Languages: Linguistics and Semantics
   - D. Björner
   - Dept. of Computer Science, Technical University of Denmark (ID 672) - January 1977

7. Programming Languages: Formal Development of Interpreters and Compilers
   - D. Björner
   - Dept. of Computer Science, Technical University of Denmark (ID 673) - January 1977

   - D. Björner
   - Dept. of Computer Science, Technical University of Denmark (ID 671) - November 1976

9. Finite State Tree Computations
   - D. Björner
   - IBM Research, New York (RJ 1053) - June 13 1972

    - D. Björner
    - Dept. of Computer Science, Technical University of Denmark (ID 671) - November 1976

11. Systematic Program Derivation Techniques
    - D. Björner
    - Dept. of Computer Science, Technical University of Denmark (ID 677) - February 1977

12. Programming Languages: Formal Development of Interpreters and Compilers
    - D. Björner
    - Dept. of Computer Science, Technical University of Denmark (ID 677) - February 1977
Bjorner Dines

Programming languages: linguistics and semantics

Dept of Computer Science, Technical University of Denmark

Bjorner Dines

The DDC ADA Compiler Project Development Method

Denmark(DDC 89/10) - April 1980

Bjorner Dines

Experiments in Block-Structured GNUO Language Modeling: EXITS versus CONFIGUATIONS

(JES/Bjorner/July)

Dept of Computer Science, Tech University of Denmark

Bjorner Dines

Meta-IV - A Formal Meta-Language for Abstract Software Specification

(JES/Bjorner/Nov)

Department of Computer Science, Technical University of Denmark

Bjorner Dines


Department of Computer Science, Technical University of Denmark

Bjorstad Petter

Extrapolation of Asymptotic Expansions by a Modified Aitken Formula

Petter Bjorstad, Berndt Dahlquist and Eric Grosse

Computer Science Department School of Humanities and Sciences

Stanford University(SIAM-CS-79-179) - March 1979

Bjorstad Petter

Analysis of a New Algorithm for One-Dimensional Minimization

Petter Bjorstad and Jorge Nocedal

Stanford University(SIAM-CS-78-554) - September 1978

Black Andrew

Exception Handling and Data Abstraction

Andrew P Black

IBM Yorktown(RGO-8059) - January 1980

Blikle

Algorithmically Definable Functions

A Blikle

Polish Academy of Sciences

Blikle A

Iterative Systems: an algebraic approach

A Blikle

Polish Academy of Sciences(Vol XX No 1) - 1972

Blikle A

Nets: complete lattices with a composition

A Blikle

Polish Academy of Sciences(Vol XIX No 12) - 1971

Blikle A

Iterative Systems: an Algebraic Approach

A Blikle

Polish Academy of Sciences(Vol XX No 1) - 1972

Blikle A

Complex Iterative Systems

A Blikle
Blikle A

An Extended Approach to Mathematical Analysis of Programs
A Blikle
Computation Centre, Polish Academy of Sciences (Report 169) - 1974

Blikle A

An Algebraic Approach to the Theory of Programs, Algorithms, Language and Recursiveness
A Blikle and A Mazurkiewicz
Computation Centre of the PAS - August 1972

Blikle A

Proving Programs by Sets of Computations
A. Blikle
Computation Centre, Polish Academy of Sciences

Blikle A

Programs with Subscripted Variables
A. Blikle
L'Academie Polonaise des Sciences

Blikle A

Languages Definable by Equations
A. Blikle
L'Academie Polonaise des Sciences - April 1971

Blikle A

Equations in a space of languages
A. Blikle
Computation Centre, Polish Academy of Sciences (PAS Report No 43) - 1971

Blikle Andrzej

Equations in Nets, Computer Oriented Lattices
Andrzej Blikle
Computation Centre, Polish Academy of Sciences (99) - 1973

Blikle Andrzej

An Extended Approach to Mathematical Analysis of Programs
Andrzej Blikle
Computation Centre, Polish Academy of Sciences (169) - 1974

Blikle Andrzej

An Algebraic Approach to Mathematical Theory of Programs
Andrzej Blikle
Computation Centre, Polish Academy of Sciences (119) - 1973

Blikle Andrzej

An Algebraic Approach to Mathematical Theory of Programs
Andrzej Blikle

Blikle Andrzej

Specified programming
Andrzej Blikle
Institute of Computer Science, Polish Academy of Sciences (ICS PAS Reports 333) - 1978

Blikle Andrzej

An algebraic approach to mathematical theory of programs
Andrzej Blikle
Computation Centre, Polish Academy of Sciences (No 119) - 1973

Blikle Andrzej

Addressless units for carrying out Loop - Free computations
Andrzej Blikle

Blikle Andrzej

An extended approach to mathematical analysis of programs
Blum E K
3055
Semantoi(73): A Metalanguage for Programming Languages
E K Anderson, F C Bell and E K Blum
Springer Verlag - 1976

Blum E K
1458
SEMANOLO (73) A Metalanguage for Programming Languages
E K Anderson, F C Bell and E K Blum
Springer-Verlag(Acta Informatica 6, 109-131) - 1976

Blum E K
234
The semantics of programming languages - Part I 10
Mini-languages in need of formal definition
E K Blum and Henry P.Ledgard

Blum E K
206
Towards a theory of semantics and compilers for programming languages
E K Blum and E K. Blum

Blum E K
3052
A Generalization of the Homomorphism Concept
E K Blum and D R Estes
Birkhauser Verlag, Basel

Blum E K
1165
Semanoi and the Vienna Method
E K Blum and L.Bouknight

Blum Manual
1905
Time Bounds for Selection
Manual Blum, Robert A Floyd, Vaughan Pratt, Ronald L Rivest and Robert E Tarjan
Computer Science Department, Stanford University (STAN-CS-73-349) - April 1973

Blum Robert L
3861
Automating the Study of Clinical Hypotheses on a Time Oriented Data Base - The RX Project
Robert L Blum
Computer Science Department, Stanford University (Stanford Department of Computer Science Report No. STAN-CS-816) - Nov 1979

Boas P van Emde
The Impact of Frege's Principle of Compositionality for the
Boas P van Emde
2991
The Connection between Modal Logic and Algorithmic Logics
University of Amsterdam - February 1978

Boas P van Emde
2255
The expressiveness of intensional logic in the semantics of programming languages
T M V Janssen and P van Emde Boas
Mathematisch Centrum, Amsterdam(ML 98/77) - 1977

Boas P van Emde
3784
The Impact of Frege's Principle of Compositionality for the Semantics of Programming and Natural Languages
P van Emde Boas and T M V Janssen
Department of Mathematics, University of Amsterdam(Preprint, report 79-0 7) - May 1979

Boasson Luc
4255
Adherences of Languages
Luc Boasson and Maurice Nivat
Journal of Computer and System Sciences(Vol. 20, No. 3) - June 1980

Boasson Luc
3595
Adherences of Languages
Luc Boasson and Maurice Nivat
Laboratoire Informatique Theoretique et Programmation, Paris(79-13) - February 1979

Bobrow D G
654
LULLY: A POP-2 Interpreter and Compiler for LOGO, A Children's Programming Language
D G Bobrow

Bobrow D G
778
List Processing and Extension of Language Facility by Embedding
D G Bobrow and J Weizenbaum
IEEE Transactions(ED-13-4) - 1964

Bobrow D G
2419
A brief survey of computer languages for symbolic and algebraic manipulation
B Raphael, D G Bobrow, L Fein and J W Young
ICCSAM bulletin(Supplement No 1)

Bobrow D G
2309
A brief survey of computer languages for symbolic and algebraic manipulation
B Raphael, D G Bobrow, L Fein and J W Young
August 1 1966

Bobrow Daniel G
3834
Compact Encoding of List Structure
Daniel G Bobrow, Douglas W. Clark
Palo Alto Research Center, California, U.S.A.(CSL-79-7) - June 1979

Bobrow Daniel G
2040
A Question-Answering System for High School Algebra Word Problems
Daniel G Bobrow
Massachusetts Institute of Technology

Bobrow Daniel G
3239
New Programming Languages for AI Research
Daniel G Bobrow and Bertram Raphael
(Xerox)(CSL-73-2) - July 1976
Bobrow Daniel G. 
Format-directed list processing in LISP
131

Bobrow Daniel G. and Warren Feitelman

Bobrow Daniel G. 
New Programming Languages for AI Research
2039
Daniel G. Bobrow and Bertram Raphael
Stanford University. - August 1973

Bobrow Daniel G. 
List processing and extension of language facility by
4739
embedding
S. R. Weizenbaum

Bobrow Daniel G. 
A Question-Answering System for High School Algebra Word
4134
Problems
Daniel G. Bobrow
M.I.T. - 1964

Bobrow Daniel G. 
A Model and Stack Implementation of Multiple Environments
4429
Daniel G. Bobrow and Ben Wegura
Center for Research in Computing Technology, Harvard
University (7/72)

Bobrow Daniel G. 
A Model for Control Structures for Artificial Intelligence
3193
Programming Languages
Daniel G. Bobrow and Ben Wegura

Bobrow Daniel G. 
A Model and Stack Implementation of Multiple Environments
3191
Daniel G. Bobrow and Ben Wegura
Xerox Palo Alto Research Center - October 1973

Bobrow Daniel G. 
Requirements for Advanced Programming Systems for List
2847
Processing
Daniel G. Bobrow

Bobrow Daniel G. 
TENEX, a Paged Time Sharing System for the PDP-10
4428
Daniel G. Bobrow, Jerry D. Burchfield, Daniel L. Murphy and
Raymond S. Tomlinson
Communications of the ACM (Vol 15 No. 3) - March 1972

Bobrow Daniel G. 
A question-answering system for high school algebra word
problems
3591
Daniel G. Bobrow

Bobrow Daniel G. 
An Overview of KRL, A Knowledge Representation Language
931
Daniel G. Bobrow and Jerry Minogrid
Computer Science Department, Stanford
University (CSL-76-201) - November 1976

Bochmann G V. 
A Compiler Writing System User's Manual
3312
U Lecarme and G V Bochmann
University of Montreal - December 1974

Bochmann Gregor V. 
Compile time memory allocation for parallel processes
1565
Gregor V. Bochmann
Universite de Montreal (80) - June 1973

Bochmann Gregor V. 
Compile Time Memory Allocation for Parallel Processes
3045
Gregor V Bochmann
Boeckmann Gregor V
University of Montreal, Canada
A Sampler of Formal Definitions
Michael Marcotte and Henry P Ledgard and Gregor V Boeckmann
Computing Surveys (vol 8 No) - June 1976

Bochner Harry
3109
LLUGO: An Implementation of LUGO in LISP
Ira Goldstein, Harry Lieberman, Harry Bochner, Mark Miller
Massachusetts Institute of Technology (AI Memo 307) - June 1974

Bode Albert
Symmetrien und Antisymmetrien der Robert'schen Quasiordnung
in Vektorräumen Ordnungsbeschränkter Linearer Abbildungen
Albert Bode
Technische Universität München (TUM-MATH-7814) - July 1978

Bode Albert
Symmetrien und Antisymmetrien der Robert'schen
Quasiordnung in Vektorräumen Ordnungsbeschränkter Linearer
Abbildungen
Albert Bode
Technische Universität München (TUM-MATH-7814) - July 1978

Bode L J
Font Selection
L J Bode
IBM San Jose (TR 02.848) - June 15, 1979

Boehm B W
Software Cost Modeling: Some Lessons Learned
B W Boehm and R W Wollert
TRW Systems Engineering and Integration Division, California (TRW-SS-75-02) - July 1979

Boehm Barry W
Structured Programming: Problems, Pitfalls and Payoffs
Barry W Boehm
TRW Systems Group (TRW-SS-76-06) - July 1976

Boehm Barry W
An Experiment in Small-Scale Application Software Engineering
Barry W Boehm
TRW Systems Engineering and Integration Division, California (TRW-SS-80-01) - January 1980

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

Boggs David R
Ethernet: Distributed Packet Switching for local computer networks
Robert M Metcalfe and David R Boggs
Xerox: Palo Alto Research Center, California (CSL-75-7) - November 1975

Bohm C
Some Properties of normal forms in the λ-K-Calculus
C. Bohm
Istituto Nazionale per le Applicazioni del Calcolo, and International Computation Center, Roma, Italy - 1964

Boyle D L
The Matrix Inverse Eigenvalue Problem for Periodic Jacobi Matrices
D L Boley and G H Golub
Computer Science Department, Stanford
University (SIAH-CS-76-584) - December 1976

Boley D. Inverse Eigenvalue Problems for Band Matrices
2389 D. Boley, G.H. Golub
Computer Science Department, Stanford
University (SIAH-CS-77-623) - August 1977

Bollabasa B On Complete Subgraphs of $\chi$-Chromatic Graphs
2965 B. Bollabasa, P. Erdos and E. Szemeredi
Stanford University (SIAH-CS-75-488) - April 1975

Boller B. Exploratory Study of Computer Integrated Assembly Systems
937 B. Boller, D.J. Bintford, D.J. Grossman, C.R. Liu, R.C. Bolles, R.A.
Finkel, M.S. Fujitaka, W.E. Korderick, B.T. Shimano, R.M.
Taylor, R.H. Goldman, J.H. Jarvis, V.D. Schenck, I.A.
Gaffney (1976) - CS-438, Stanford University

Bolles Robert C. A SNOBOL-like pattern matching scheme and its use in a
200 Robert C. Bolles
syntax-directed translator

Bolles Robert C. Verification Vision Within a Programmable Assembly System
927 Robert C. Bolles
Computer Science Department, Stanford
University (SIAH-CS-77-597) - December 1976

Bollie L Annual Review in Automatic Programming: On the Formal
2590 L. Bollie
Description of FL/I
Pergamon Press (Vol. 6, Part 3) - 1969

Bond A H A System for Program Improvement
1372 A H Bond and C T Burton
Queen Mary College, University of London - 15th April 1977

Bond Alan H An Approach to Artificial Intelligence
3659 Alan H Bond
Department of Computer Science and Statistics, Queen Mary
College, London - March 1979

Bond Alan H The M.Sc. Course in Artificial Intelligence 1979-80
3671 Alan H Bond
Department of Computer Science and Statistics, Queen Mary
College, London (A.I. Document No. 111) - March 1979

Bond Alan H The M.Sc. Course in Artificial Intelligence 1979-80
4205 Alan H Bond
Queen Mary College, University of London (A.I. Document No.
113) - March 1979

Bond Alan H An Approach to Artificial Intelligence
4208 Alan H Bond
Queen Mary College, University of London - March 1979

4207 Alan H Bond
Queen Mary College, University of London - Oct. 1978-Sept.
1979

Artificial Intelligence Research Programme (Oct 1978 - Sept 1979)
Alan H Bond

Department of Computer Science and Statistics, Queen Mary College, London - 1978

History, features and commentary on FORMAC
Elaine R Bond

MARCH 28 1966

Schema-Shift Strategies to Understanding Structured Texts in Natural Language
Alain Bonnet

Department of Computer Science, School of Humanities and Sciences, Stanford University (Stanford Heuristic Programming Project Memo HPP-79-25) - August 1979

Bababab, A Parser for a Rule-based System Using a Semantic Grammar
Alain Bonnet

Stanford University (STAN-CS-78-666) - September 1978

Multistack Counter Languages
R. Book and S. Ginsburg

AF Research Labs (No 7) - August 1970

Tape-and Time-bound Turing Acceptors and AFLs
R. Book, S. Greibach, and B. Tregur

USA (Bedford, Mass)

Topics in Formal Language Theory
R. Book, V. Book

Center for Research in Computing Technology, Harvard University (1971)

Acta Infomatika
Wilfred J Hansen and Hendrik Boom

Springer Verlag (A 20609F) - 1978

The Linguistics of LOGO
R. Borsam and J. M. Braun

Oxford University Press - 1976

Compiler Design and Assessment
R. Borsam and J. G. Laski

Advanced Systems and Programming Division, Infotech International - November 1977

The Do-it-Yourself Compiler Kit
Richard Borsam

University of Essex - 1976

A Comparison of List-Processing Computer Languages
Daniel G. Borsam and Bertram Raphael

ACM Communications (Vol. 7, No. 4) - April 1964

High-level Graphics Input Tools
Jan van den Bos

Informatica/Computer Graphics - October 1978

ALEPH: A Language Encouraging Program Hierarchy
Bosshart, K. D.; Bosch, D. Grune and L. Meertens (1973) - 1973
Mathematisch Centrum, Amsterdam

Boschet Alain Sur la Programmation Rationnelle des Algorithmes Numeriques 2686
Alain Bosshart and Bertrand Meyer
Electricite de France (28/4/01) - June 1975

Bothe Klaus A Generalized Abstract Data Type Concept 3681
Klaus Bothe
Sektion Mathematik der Humboldt-Universitat zu Berlin

Bottari William How to Design Single Chip Microcomputers into Control Systems 3830
William Bottari

Boulenger J. Optimale de l’organisation sequentielle de L’information 1804
G. Baudet, J. Boulenger and J. Ferrere
INRIA(N° 79) - September 1974

Bowie W. GULD Users Manual 4265
R. Bowie, R. N. Maddison, L. Matkovits and J. M. Wilson
University of Glasgow, Dept of Computing (First Edition) - May 1967

Bowles Kenneth L. Problem Solving Using PASCAL 4200
Kenneth L. Bowles

Boyce Robert S. A computer proof of the correctness of a simple optimizing compiler for expressions 1700
Robert S. Boyer and J. Strother Moore
Stanford Research Inst (Report 5) - January 1977

Boyce Robert S. A computer proof of the correctness of a simple optimizing compiler for expressions 1720
Robert S. Boyer and J. Strother Moore
Stanford Research Inst (Report 5) - January 1977

Peter G. Neumann, Robert S. Boyer, Richard J. Feiertag, Karl N. Levitt and Lawrence Robinson
Stanford Research Institute (SRI Project 4332) - February 1977

Boyce Robert S. Proving theorems about LISP Functions 3294
Robert S. Boyer, J. Strother Moore
University of Edinburgh (Memo 68) - 1978

Boyce Robert S. A Verification Condition Generator for FORTRAN 4295
Robert S. Boyer and J. Strother Moore
SRI, California (Technical Report CSL-103) - June 1980

Boyce Robert S. A Fast String Searching Algorithm 2524
Robert S. Boyer and J. Strother Moore
Stanford Research Institute, California - 6 April 1976
Brackett John W. Case study in interactive graphics programming: a circuit drawing and editing program for use with a storage-tube display terminal
John W. Brackett, Michael Hammer and Daniel E. Thornhill

Brackett John W. An Environment for Producing Well-Engineered Microcomputer Software
R. Sterling Elanes, Carl K. Hitchon, Richard M. Thall, John W. Brackett
Softtech, Inc., 4460 Totten Pond Road, Waltham, Massachusetts U.S.A. (IP-097) - July 1979

Bradbury Colin Fundamental Ring Protocols
Colin Bradbury

Braden R T An Introductory course in Computer Programming
A. J. Perlis and R T Braden
Carnegie Institute of Technology (NSF-126) - June 1965

Brady J M The Linguistics of LOGO
R Bornat and J M Brady

Brainerd J O Description of the ENIAC and Comments on Electronic Digital Computing Machines
J. P. Eckert Jr., J. W. Mauchly, H. H. Goldstine and J. G. Brainerd
Moore School of Electrical Engineering, University of Pennsylvania (171.2K) - November 30, 1945

Brand D Microprogram Verification Considered Necessary
W. C. Carter, W. H. Joyner, Jr., and D. Brand
IBM Research Division, San Jose (RC 7053 (P.29535)) - December 1977

Branquart P Remarks on the draft reports on Algol 68
M. Sintzoff, P. Branquart, J. Lewi and P. Wodon
MBLE Laboratoires de Recherches (K90) - January 1969

Branquart P The composition of semantics in Algol 68
P. Branquart, J. Lewi, M. Sintzoff and P. L. Wodon
Nov 1971

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

Bratko Ivan Proving Correctness of Strategies in the ALI Assertional Language
Ivan Bratko
University of Ljubljana, Yugoslavia - February 1978

Braun M On Starvation
M. Braun, P. J. Courtois and J. Georges
R249 (MBLE Laboratoire de Recherches) - July 1974

Bredeson J G Graph-Theoretic Error-Correcting Codes
S. L. Hakimi and J. G. Bredeson
Northwestern University

Breidt L.H. A Survey of Models for Parallel Computing
L. H. Breidt
Digital Systems Laboratory, Stanford
Brent T.H.  
999  
Analysis of Parallel Systems  
Digital Systems Laboratory, Stanford  
University (STAN-CS-70-171) - August 1970

Brenner J B  
4247.  
Project Little - an experimental ultra reliable system  
J B Brenner, G P Burton, L O Kitto and E C P Portman  
ICL Technical Journal - May 1970  
University (STAN-CS-70-172) - August 1970

Brent R P  
2570.  
Fast Multiple-Precision Evaluation of Elementary Functions  
R P Brent  
Stanford University (STAN-CS-75-515) - August 1975

Brereton P  
2681.  
The Daresbury Smog Graphics Package  
P Brereton  
Daresbury Laboratory (DL/CSE/L/M-7) - October 1978

Brewin L  
3659 /13011c  
IMP Language Manual Update 1  
L Brewin and J Murison  
Edinburgh Regional Computing Centre (Update 1 to Second edition) - February 1978

Brinck K  
3850  
Analysis of Algorithms on Threaded Trees  
K Brinck and N F Foo  
Basser Department of Computer Science, The University of Sydney, Australia (Technical Report 142) - April 1979

Brinkmann Barrie  
3485  
The Denos-88 Multimicrocomputer  
Barrie Brinkman, Mark Dowson, Brian McBride and Garry Smith  
Scicon Consultancy International Ltd. - 1979

British Computer Society  
3959  
British Computer Society Value Added Tax  
British Computer Society - BCS - December 1971

British Computer Society  
3995  
Special Resolutions 4 and 5  
British Computer Society - BCS - 1970

British Computer Society  
3954  
BCS 12th annual general meeting agenda and annual report and accounts 1968-1969.  
British Computer Society - BCS - 1969

British Computer Society  
3955  
British Computer Society - BCS - 1970

British Computer Society  
3957  
Proposed Code of Conduct  
British Computer Society - BCS - 1970

British Computer Society  
4076  
Artificial Intelligence and Simulation of Behaviour  
British Computer Society Study Group on Artificial Intelligence and Simulation (Issue 11) - July 1970

Brittan J N G  
1860  
An International Curriculum for Information System Designers
Briz Frank C.  
2434  
Semanol(76) Specification of Jovial(J3)  
Frank C. Briz, Ira M. Green  

Broadbent J. K.  
530  
A Small Microprogrammed Experimental Machine  
J.K. Broadbent and G. C. Coulouris  
Queen Mary College, London (MEMBERS Report No 1)

Broadbent J. K.  
532  
FLUID Reference Manual  
J.K. Broadbent  
Queen Mary College, London (MEMBERS Report No 5)

Broadbent J. K.  
531  
Why Microprogramming?  
J.K. Broadbent  
Queen Mary College, London (MEMBERS Report No 2)

Broadbent J.K.  
1173  
Microprogramming and System Architecture  
J.K. Broadbent  
Dept. of Computer Science, Queen Mary College, London – February 1973

Broadley R Reddy B  
3315  
XCRIBL A Hardcopy Scan Line Graphics System for Document Generation  
Bredley R Reddy B, Broadley, L Erman, R Johnson, J Newcomer, G Robertson and J Wrotth  
Carnegie-Mellon University – April 1973

Brodie Michael L  
3337  
Data Abstraction, Databases, and Conceptual Modelling: An Annotated Bibliography  
Michael L. Brodie  

Brodie Michael Law  
2990  
Specification and Verification of Database Semantic Integrity  
Michael Lawrence Brodie  
Computer Systems Research Group, University of Toronto (ISSN 0310-6295) – April 1978

Bromley A G  
490  
High Speed Hardware for the Generation of Rectilinear Picture Elements  
A G Bromley

Bromley A G  
620  
The Accuracy and Range of Binary Representations of Floating Point Numbers  
A G Bromley  
Basser Dept of Computer Science, University of Sydney – September 1972

Bromley A G  
854  
An Algorithm for Depth Discrimination of Convex Planar Surfaces  
A G Bromley  
Basser Department of Computer Science, University of Sydney (84) – May 1973

Bromley A G 468  
A design for an economical serial micro-computer  
A G Bromley
Bromley A G
3726
The Logic Teaching Laboratory at the University of Sydney
A G Bromley
Basser Department of Computer Science, University of Sydney, Australia (Technical Report No. 131) — February 1978

Bromley A G
3727
The Discrete Structures Component of the First Year Course at the University of Sydney
A G Bromley
Basser Department of Computer Science, University of Sydney, Australia (Technical Report No. 130) — February 1978

Bromley Allan G
3851
The Chinese and Japanese Abaci
Allan G Bromley
Basser Department of Computer Science, The University of Sydney, Australia (Technical Report 141) — May 1979

Bromley Allan G.
1332
Memory Fragmentation in Buddy Methods for Dynamic Storage Allocation
Allan G. Bromley
Basser Department of Computer Science, University of Sydney — May 1977

Bromley Allan G.
1338
An Improved Buddy Method for Dynamic Storage Allocation
Allan G. Bromley
Basser Department of Computer Science, University of Sydney — September 1976

Bromley Allan G.
1339
An Experimental Real-Time Control Experiment
Allan G. Bromley and Ronald Cuilen
Basser Department of Computer Science, University of Sydney — September 1976

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

Bron C
1560
Description of Conditional Critical Regions in terms of P- and V-Operations
C Bron
Technische Hogeschool Twente (34) — May 1975

Bron C
4836
Exchanging Robustness of a Program for a Relaxation of its Specification
C Bron and M M Fokkinga
Technische Hogeschool Twente (Memorandum no 178) — September 1977

Bron C
1525
Description of Conditional Critical Regions in terms of P- and V-Operations
C Bron
Technische Hogeschool Twente (34) — May 1975

Bron C
2106
A proposal for dealing with abnormal termination of programs
C Bron, M M Fokkinga and A C M de Haas
Department of Applied Mathematics, Twente University of Technology (No 159) — November 1976

Bron C
1464
Trends in the Synchronization of Parallel Processes
C. Bron
Technological University of Twente (C066) — 1974
Brooker R A
Mercury Autocode Manual
4055
R A Brooker, B Richards, E Berg and R H Kerr
(JES/Mercury/1961) Ferranti(LIST CS 242 A) - June 1961
Brooker R A
Simply partitioned data structures: the compiler-compiler
re-examined
2045
R A Brooker and J S Rohl
Machine Intelligence 1 - 1967
Brooker R A
Influence of high-level languages on computer design
2037
R A Brooker
IEEE(Vol 117 No 7) - July 1970
Brooker R A
Data base proposal
1778
R A Brooker
University of Essex - 1976
Brooker R A
The Compiler Compiler
3246
R A Brooker, I R MacCallum, D Morris and J S Rohl
(ES) 316 to 319
University of Manchester - 1963
Brooks M J
Locating Intensity Changes in Digitised Visual Scenes
3298
M J Brooks
(ES) 316 to 319
University of Essex(Memo CSM - 15) - December 1976
Brooks Martin
Determining Correctness by Testing
4062
Martin Brooks
Computer Science Department, Stanford University(Stanford
Artificial Intelligence Laboratory Memo AIM-336) - May 1980
Brosgol B M
TCUL-Ada: Revised Report on An Intermediated Representation
for the Preliminary Ada Language
3880
B M Brosilow, J M Newcomer, D A Lamp, D R Levine, M S Van
Deussen, William A Kulf
Department of Computer Science, Carnegie-Mellon
University(CMU-CS-80-105) - February 15, 1980
Brosgol Ben
ECL Programmer's Manual
2004
Ben Wegbreit, Ben Brosilow, Glenn Holloway, Charles Prenner
and Jay Spitzken
Center for Research in Computing Technology, Harvard
University(21-72) - September 1972
Brown F Malloy
Bulletin of the American Mathematical Society
2579
Felix Browder
American Mathematical Society(Vol. 72, No. 3) - May 1966
Brown F Malloy
Bulletin of the American Mathematical Society
2580
Felix Browder
American Mathematical Society(Vol. 72, No. 1, Part 1) -
January 1966
Brown F Malloy
Bulletin of the American Mathematical Society
2583
Felix Browder
American Mathematical Society(Vol. 71, No. 5) - September
1965
Brown F Malloy
Bulletin of the American Mathematical Society
2584
Felix Browder
American Mathematical Society(Vol. 70, No. 2) - March 1964
Brown F Malloy
Doing Arithmetic without Diagrams
1834
F Malloy Brown
Dept of Artificial Intelligence, University of Edinburgh (No 16a) - January 1976

Brown M Systems Assembly Language - SAL
2007
C A Lang and H Brown
University Mathematical Laboratory, Cambridge - October 1967

2050
H Brown
University Mathematical Laboratory, Cambridge - June 1968

Brown Harold Molecular Structure Elucidation II
1974
Harold Brown
Stanford University (STAN-CS-74-469) - December 1974

Brown J R Functional Programming
3489
J R Brown and E C Nelson
IRI Defense and Space Systems Group (IRI-SS-78-02) - February 1978

Brown Mark R Design and Analysis of a Data Structure for Representing Sorted Lists
3384
Mark R Brown and Robert E Tarjan
Stanford University (STAN-CS-78-709) - December 1978

Brown Mark R Design and Analysis of a Data Structure for Representing Sorted Lists
3352
Mark R Brown and Robert E Tarjan
School of Humanities and Sciences, Computer Science
Department, Stanford University (STAN-CS-78-709) - December 1978

Brown Mark R. The Analysis of a Practical and Nearly Optimal Priority Queue
1352
Mark R. Brown
Computer Science Department, Stanford
University (STAN-CS-77-600) - March 1977

Brown Mark R A Fast Merging Algorithm
2388
Mark R. Brown, Robert E. Tarjan
Computer Science Department, Stanford
University (STAN-CS-77-625) - August 1977

Brown P J Throw-aways Compiling 1961
P J Brown
Computing Laboratory, University of Kent - August 1975

Brown P J SCAN - a simple conversational programming language for text analysis 2036
P J Brown
Computing Laboratory, University of Kent - August 1971

Brown P J SCAN - a sub-system for document searching 2035
P J Brown
University of Kent (KUSE=SCAN=1) - October 1971

Brown P J A survey of macro processors 2063
P J Brown
Computing Laboratory, University of Kent - October 1971

Brown W S Computing Campbell’s Y2n Polynomials with Altran 661
W S Brown and A D Hall
Brown W S
130
A language and system for symbolic algebra on a digital computer
W S Brown

Brown W S
4085
A Simple but Realistic Model of Floating-Point Computation
W S Brown
Bell Laboratories (Computing Science Technical Report No. 83)
- May 1980

Browne James C
2981
GYPSY: a language for specification and implementation of
programmatically variable programs
Allen L Ambler, Donald I Good, James C Browne, Wilhelm F.
Burger, Richard M Cohen, Charles C Hoeh and Robert E Wells
University of Texas at Austin (ICS-CA-MIP-2) - January 1977

Broy M
3965
Algebraic Definition of a Functional Programming Language
and its Semantic Models
M Broy and M Wirsing
Technische Universitat Munchen (THM-1808) - June 1980

Broy M
3574
Program Development: the Ackermann Function as an Example
M Broy
Institut fur Informatik, Technische Universitat
Munchen (THM-INFO-78/16) - June 1977

Broy M
2933
Towards a Wide Spectrum Language to Support Program
Specification and Program Development
F L Bauer, M Broy, R Gnatz, B Krieg-Bruckner, H Partsch, P
Pepper and H Rossner
Technische Universitat Munchen

Broy M
3348
A Case Study in Program Development: Sorting
M Broy
Technische Universitat Munchen (THM-INFO-78/31) - November
1978

Broy, Manfred
4217
Transformation Parallel-Ablaufender Programme
Manfred Broy
Technische Universitat Munchen (THM-18001) - February 1980

Broy, Manfred
3012
Notes on the Project CIP: towards a wide spectrum language
to support program development by transformations
Friedrich L Bauer, Manfred Broy, Rupert Gnatz, Wolfgang
Hesse, Bernd Krieg-Bruckner
THM (THM-INFO-77/22) - July 1977

Broy, Manfred
3579
Notes on the Project CIP: towards a wide spectrum language
to support program development by transformations
Friedrich L Bauer, Manfred Broy, Rupert Gnatz, Wolfgang
Hesse, Bernd Krieg-Bruckner
Institut fur Informatik, Technische Universitat
Munchen (THM-INFO-77/22) - July 1977

Brujin N G de
1851
The mathematical language AUTOMATH, its usage, and some of
its extensions
N G de Bruijn
Technological University, Eindhoven - 1968

Brujin N G de
1892
SEMIPAL 2, an extension of the mathematical notational
language SEMIPAL
N G de Bruijn
Automath, a Language for Mathematics

N. G. de Bruijn

Department of Mathematics, Technological University of Eindhoven, The Netherlands

The Use of the Language Automath for Syntax and Semantics of Programming Languages

N. G. de Bruijn

Department of Mathematics, Eindhoven University of Technology, The Netherlands

Set Theory with Type Restrictions

N. G. de Bruijn

1973

Automath, a Language for Mathematics

N. G. de Bruijn

Technological University of Eindhoven, The Netherlands

A System for Handling Syntax and Semantics of Computer Programs in terms of the Mathematical Language Automath

N. G. de Bruijn

Department of Mathematics, Technological University of Eindhoven, The Netherlands - November 1973

Automath - A Language for Mathematics

N. G. de Bruijn

University of Montreal - 1973

From Communication to Language - A Psychological Perspective

J. S. Bruner

Wolston College, Oxford - April 1975

The Ontogenesis of Speech Acts

J. S. Bruner

Oxford University - 1973

On-Time-Space Classes and Their Relation to the Theory of Real Addition

Anna R. Bruss

Massachusetts Institute of Technology (M.I.T./LCS/TR-195) - March 1978

The Construction of Initial Data for Hyperbolic Systems from Nonstandard Data

Kenneth P. Bube

Computer Science Department, Stanford University (STAN-CS-77-301) - January 1979

On Convergence of Trigonometric Interpolants

Kenneth P. Bube

Computer Science Department, Stanford University (STAN-CS-77-536) - October 1977
Buchanan B.G. 
921 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

Buchanan Bruce G 
4743 Three reviews of J. Reizenbaum's Computer Power and Human Reason
Bruce G Buchanan, Joshua Lederberg and John McCarthy
Computer Science Dept., Stanford University (STAN-CS-76-577) - November 1976

Buchanan Bruce G 
3441 Applications-oriented AI Research: Science and Mathematics
James S Bennett, Bruce G Buchanan, Paul R Cohen and Fritz Fisher
Stanford Heuristic Programming Project, Computer Science Department, Stanford University (STAN-CS-79-756) - August 1979

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

Buchanan Bruce G 
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

Buchanan Bruce G, 
925 Model-Directed Learning of Production Rules
Bruce G. Buchanan and Tom M. Mitchell
Computer Science Department, School of Humanities and Sciences, Stanford University (STAN-CS-77-597) - March 1977

Buchanan Bruce G, 
2370 Dendral and Meta-Dendral: Their Applications Dimension
Bruce G. Buchanan, Edward A. Feigenbaum
Computer Science Department, Stanford University (STAN-CS-78-649) - February 1978

Buchanan Jack R, 
789 A Study in Automatic Programming
Jack R Buchanan
Stanford Computer Science Department (CS-74-458) - 1974

Buchanan Jack R, 
996 On Automating the Construction of Programs
Jack R. Buchanan and David C. Luckham
Computer Science Department, Stanford University (STAN-CS-74-433) - May 1974

Buchberger Bruno 
Input/output codings and transition functions in effective
systems
Bruno Buchberger and Bernhard Roiger

Buchberger B
Some results on universal automata and input/output codings
B Buchberger and B Roiger
Hochschule Linz(34) – November 1975

Buchberger Bruno
Simulation Universal Automata
Bruno Buchberger and Wolfram Menzel
Institut fur Informatik I, Universität Karlsruhe (Internbericht Nr. 14/77)

Buchi J. Richard
Regular Canonical Systems and Finite Automata
J. Richard Buchi
University of Michigan Research Institute – December 1959

Buchi J. Richard
Weak Second-Order Arithmetic and Finite Automata
J. Richard Buchi
University of Michigan Research Institute – September 1959

Buck R C
Proceedings of the American Mathematical Society
R C Buck
American Mathematical Society (Vol. 18, No. 2) – April 1967

Buggiani D. On the Implementation of Call-by-Need
L. Aiello, O. Buggiani and S. Pintauro
University of Bologna (S-79-14) – September 1976

Bulnes-Rozas Juan A.
Goal: a goal-oriented command language for interactive proof
construction
Juan Bautista Bulnes-Rozas
Stanford Artificial Intelligence Laboratory, Computer Science Department, Stanford University (STAN-CS-79-74) – June 1979

Bumgarner L.L.
An Approach to Algol Translation
A.A. Grau and L.L. Bumgarner
Oak Ridge National Laboratory (ORNL-3592) – June 1964

Bundy Alan
Artificial Intelligence: An Introductory Course
A. Bundy
Edinburgh University Press – 1978

Bundy Alan
Analysing Mathematical Proofs (or reading between the lines)
Alan Bundy
Dept of Artificial Intelligence University of Edinburgh (No. 2) – May 1975

Burau W
Beiträge zur Geometrie und Algebra, Nr. 2
W Burau
Institut für Mathematik, Technische Universität München (UM-MAIN-77/18) – June 1977 in German

Burchfiel Jerry D
TELEX, a Paged-Time Sharing System for the PDP-10
Daniel D Bobrow, Jerry D Burchfiel, Daniel L Murphy and Raymond S Tomlinson
Communications of the ACM (Vol. 15, No. 3) – March 1972

Burge W H
The evaluation classification and interpretation of expressions
W H Burge
Computer Science Department, University of California (UCSD) – 1972
Copenhagen, 1977 - 1977

Burstall R M
Some Techniques for Proving Correctness of Programs which
Alter Data Structures
(JES/Burstall/197)
E M Burstall

Dept of Machine Intelligence, University of Edinburgh - 1972

Burstall R M
POP-2 Reference Manual
4660
R M Burstall and J J Popplestone
(JES/POP-2)
Dept of Machine Intelligence and Perception, University of
Edinburgh - March 1967

Burstall R M
An algebraic description of programs with assertions,
1729
verification simulation
R M Burstall

- Dept of Machine Intelligence and Perception, University of
Edinburgh - January 1972

Burstall R M
Some Transformations for Developing Recursive Programs
48/2
R M Burstall and J Darlington
(JES/Burstall)
University of Edinburgh (18)

Burstall R M
Question Answering and Syntax Analysis
203
A P Ambler and R M Burstall

- University of Edinburgh - 1972

Burstall R M
Computer Programming First Steps in Algol
2339
Donald Michie, Andrew Urtony and R M Burstall
Oliver and Boyd(ISBN 0 00 1489 -7) - 1968

Burstall R M
Recursive Programs: Proof, Transformation and Synthesis
2013
R M Burstall

- University of Edinburgh (18) - October 1976

Burstall R M
Tree-searching methods with an application to a network
design problem
R M Burstall

- Machine Intelligence, Oliver and Boyd (pp 65-85) (16)

Burstall R M
A Transformation System for Developing Recursive Programs
1386
R M Burstall and J Darlington
Journal of the Association for Computing Machinery(Vol 24 No
1) - January 1977

Burstall R M
Semantics of Assignment
2/2
R M Burstall

- Machine Intelligence Workshop - 1969

Burstall R M
A Combinatory Approach to Relational Question Answering and
Syntax Analysis
1785
R M Burstall

- Dept of Machine Intelligence and Perception, University of
Edinburgh - August 1967

Burstall R M
Data Structures and Induction
116
R M Burstall

- November 1967

Burstall R M
A Transformation System for Developing Recursive Programs
1387
R M Burstall and J Darlington
Dept of Artificial Intelligence, University of Edinburgh (18)

- March 1976
Burstall R M Clear Semantics
4099 R M Burstall
(Draft 24.8.78) - August 1978

Burstall R M Proving properties of programs by structural induction
1706 R M Burstall
The Computer Journal(Vol 12 No 1) - February 1969

Burstall R M A note on program proof by a continuation method
1744 R M Burstall
Dept of Artificial Intelligence, University of Edinburgh - February 1975

Burstall R M Putting Theories Together to make Specifications
2014 R M Burstall and J A Goguen
University of California at Los Angeles - 1977

Burstall R M The helpful civil servant: a conversational control routine
4114 R M Burstall
Department of Machine Intelligence and Perception,
University of Edinburgh(MIP-R-38) - August 1968

Burstall R M A note on program proof by a continuation method
1761 R M Burstall
University of Edinburgh - February 1975

Burstall R M Computer design of electricity networks by a heuristic method
5431 R M Burstall
Computer Journal

2336 R M Burstall, J S Collins and R J Popplestone
Oliver and Boyd - 1968

Burstall R M Proving Properties of Programs by Structural Induction
3207 R M Burstall
University of Edinburgh - February 1969

Burstall R M Programs and their Proofs: an Algebraic Approach
3209 R M Burstall and P J Landin

Burstall R M A tree-searching method for solving integer linear inequalities
10 R M Burstall
Experimental Programming Reports(No 10) - October 1965

Burstall R M A Heuristic Method for a Job-Scheduling Problem
6 R M Burstall
Operational Research Quarterly(Vol 17 pp 291 - 304)

Burstall R M Question-Answering and Syntax Analysis
1889 A P Ambler and R M Burstall
Dept of Machine Intelligence and Perception, University of Edinburgh(No 18) - March 1969

Burstall R M Programs and their proofs: an algebraic approach
2239 R M Burstall and P J Landin
Machine Intelligence(Vol 4)

Burstall R M Some techniques for proving correctness of programs which
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>Institute</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1731</td>
<td>alter data-structures and First Order M</td>
<td>R M Burstall</td>
<td>Dept of Machine Intelligence, University of Edinburgh</td>
<td>November 1972</td>
</tr>
<tr>
<td>596</td>
<td>A System which Automatically Improves Programs</td>
<td>J Darlington and R M Burstall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Some aspects of CPL semantics</td>
<td>R M Burstall</td>
<td>Experimental Programming Reports</td>
<td>April 1965</td>
</tr>
<tr>
<td>4869</td>
<td>Putting theories together to make specifications</td>
<td>R M Burstall and J A Goguen</td>
<td>Massachusetts University</td>
<td>1977</td>
</tr>
<tr>
<td>4116</td>
<td>A Combinatory Approach to Relational Question Answering and Syntax Analysis</td>
<td>R M Burstall</td>
<td>Department of Machine Intelligence and Perception</td>
<td>1981</td>
</tr>
<tr>
<td>371</td>
<td>Flow Diagrams Programs Viewed as Categories</td>
<td>R M Burstall</td>
<td>Dept of Machine Intelligence and Perception, University of Edinburgh</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>A software stack system for the J40/347 display</td>
<td>R M Burstall and J V Oldfield</td>
<td>Dept of Computer Sciences</td>
<td>1968</td>
</tr>
<tr>
<td>761</td>
<td>Structured development of a naive program for the Job Assignment Problem</td>
<td>R M Burstall</td>
<td></td>
<td>1973</td>
</tr>
<tr>
<td>751</td>
<td>Some Transformations for Developing Recursive Programs</td>
<td>R M Burstall and John Darlington</td>
<td></td>
<td>1974</td>
</tr>
<tr>
<td>4117</td>
<td>Systematic introduction of Program Correctness</td>
<td>R M Burstall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>540</td>
<td>Macro-Inference Steps in Proofs of Program Correctness</td>
<td>R M Burstall and S Neir</td>
<td>University of Edinburgh</td>
<td>May 1972</td>
</tr>
<tr>
<td>4430</td>
<td>Putting theories together to make specifications</td>
<td>R M Burstall and J A Goguen</td>
<td></td>
<td>1969</td>
</tr>
<tr>
<td>790</td>
<td>Program Proving as Hand Simulation with a little Induction</td>
<td>R M Burstall</td>
<td>Information Processing</td>
<td>1974</td>
</tr>
<tr>
<td>1371</td>
<td>Systematic Development of Programs by Introducing Economies of Interaction</td>
<td>R M Burstall</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Burstall R.M. 1283
Putting Theories together to Make Specifications
R.M. Burstall and J.A. Goguen
May 1977

Burstall R.M. 995
Proving Properties of Programs by Structural Induction
R.M. Burstall
Department of Machine Intelligence and Perception,
University of Edinburgh - February 1968

Burton C P 4247
Project Little - an experimental ultra reliable system
J B Brenner, C P Burton, A D Kitto and E L P Portman
LCL Technical Journal - May 1980

Burton C T 1381
Notes towards the Definition of a Method for Program Improvement
C T Burton
Department of Computer Science and Statistics, Queen Mary College(64) - April 1977

Burton C T 1372
A System for Program Improvement
A H Bond and C T Burton
Queen Mary College, University of London - 15th April 1977

Burton C T 1382
Some Examples of Program Improvement
C T Burton
Dept of Computer Science and Statistics, Queen Mary College(64) - April 1977

Burton C T 1380
An Introduction by Examples to some Aspects of an Approach to Program Improvement and Synthesis
C T Burton
Department of Computer Science and Statistics, Queen Mary College(63) - April 1977

Burton Warren 2740
Alternatives to Reference Variables
Warren Burton
Michigan Technological University

Busbridge I W 753
Oxford Mathematics and Mathematicians
I W Busbridge
Oxford Mathematical Society - 1974

Busch W 3077
Schrittweitenextrapolation bei Einschrittverfahren zur Lösung des Cauchy'schen Anfangswertproblems
W Busch
TU München - Mathematik - Fakultät - 1977

Bustard D W 1391
Parallel Programming Pascal (PPP)
D W Bustard
Dept of Computer Science, The Queen's University of Belfast - November 1979

Butcher L H 2074
Choosing the Intermediate Code when Implementing a High Level Language on a Microprogrammable Computer (Department of Computer Science, Aberystwyth)