

IOWA STATE UNIVERSITY

Special Collections Department

403 Parks Library
Ames, IA 50011-2140
515 294-6672

<http://www.add.lib.iastate.edu/spcl/index.html>

RS 13/7/4

**Iowa State University
Department of Computer Science**

Creative Components, 1968-2003

*This collection is stored offsite. Please contact the Special Collections
Department at least two working days in advance.*

Descriptive summary

creator: Iowa State University. Department of Computer Science
title: Creative Components
dates: 1968-2003
extent: 20.72 linear feet (16 document boxes)
collection number: RS 13/7/4
repository: University Archives, Special Collections Department, Iowa State University.

Administrative information

access: Open for research.

This collection is stored offsite. Please contact the Special Collections Department at least two working days in advance.

publication rights: Consult Head, Special Collections Department

preferred citation: Iowa State University Department of Computer Science Creative Components, RS 13/7/4, Special Collections Department, Iowa State University Library.

Abstract

Graduate degrees in computer science were offered at Iowa State University in 1965 through a collaboration among the Departments of Mathematics, Statistics, and Electrical Engineering. An undergraduate degree program was offered in 1967 and the Department of Computer Science was officially established in 1969. This collection contains the creative components of students seeking the M.S. degree in computer science.

Historical note

In 1965, Iowa State University began offering M.S. and Ph.D. degrees in Computer Science through the collaboration between the Departments of Mathematics, Statistics and Electrical Engineering. In 1967, an undergraduate degree program in Computer Science was offered. The Department of Computer Science was officially established in 1969.

The Department of Computer Science has research programs in several key areas of Computer Science including algorithms, artificial intelligence, bioinformatics and computational biology, computational complexity, parallel and distributed computing, programming languages, software engineering, and theory of computation. The department also participates in interdepartmental programs such as Bioinformatics and Computational Biology, Complex Adaptive Systems, and Neuroscience.

As of 2003, the Department of Computer Science had approximately 18 full-time tenure track faculty and several adjunct faculty and instructors. The department also had 40 resident Ph.D. students, 60 M.S. students, and approximately 750 undergraduate students.

Collection description

The collection (1968-2003) contains the creative components of the Department of Computer Science's master's degree students. Creative components were used to fulfill the M.S. degree requirements of students opting not to write a thesis. Beginning in 2001, incoming M.S. students were required to write a thesis to receive their degrees, making the writing of creative components no longer an option.

Organization

Collection is arranged chronologically.

Container list

Box	Folder	Title	Dates
1	1	Post, Robert Elgin - "The Flat-Earth Approximation to the Solution of Electromagnetic Propagation in a Stratified Terrestrial Atmosphere"	1968
1	2	Gonzalez, Robert Cordero - "Computer Metrics and Evaluation"	1968
1	3	Zingg, Roy James - "Structure and Organization of a Pattern Processor for Hand Printed Character Recognition"	1968
1	4	Brockett, John - "SOL Simulation of an IBM 360/67 Time Sharing System"	1969
1	5	Gottschalk, Gary H. - "Precedence Techniques for use in Syntax Analysis"	1969
1	6	Haglund, Ronald Emil - "An Algorithm for the Recognition of Hand Printed Alphameric Characters"	1969
1	7	Ong, Co Un Kiong - "Linear Programming and Physical Distribution Models"	1969
1	8	Rodriguez, Juan R. - "Numerical Solution of the Two-Point Boundary Value Problem of the Second Order Ordinary Differential Equation"	1969
1	9	Tuazon, Jesus Ocampo - "Residue Number System in Computer Arithmetic"	1969
1	10	Brandstad, Dennis Keith - "A Computer Aided Instructional System for Teaching Formal Languages"	1970
1	11	Brueck, William - "An Approach to Medical Diagnosis with Computer"	1970
1	12	Elliott, Donald Earl - "An Algorithm to Generate a Computer Program Overlay Structure"	1970
1	13	Harlan, Michael E.- "Bi-Tran Assembler Program"	1970
1	14	Hendrick, George Elwood - "User Error Analysis and Automatic Correction for Compiling"	1970
1	15	Hendrick, Marilyn Graves - "A Syntactic Analysis Using Precedence Techniques"	1970
1	16	Janssen, Gerry - "Implementing Metal"	1970
1	17	Jordan, John R. - "Several Possible Solutions to the SDI Feedback Problem Based on Matrix Algebra"	1970

Box	Folder	Title	Dates
1	18	Marks, Martha Ann - "A Student Directed, Computer Assisted, Programming Environment"	1970
1	19	Reschly, Christian J. - "The Extension of an ISU Version of Meta-Pi to Allow for the Execution of User Defined Primitives Loaded from a Job Library Dataset"	1970
1	20	Ripley, Gerald David - "The Use of Man-Computer Interaction in Root-Finding and Numerical Problem-Solving"	1970
1	21	Shen, I Ming - "Acceleration of the Projection Method for Solving Systems of Linear Equations"	1970
1	22	Theys, Michael E - "An Overview of the META Compiler System".	1970
1	23	Thomas, Rex A. - "Computerized Simulation for Teaching Experimental Design"	1970
1	24	Wright, Charles Thomas, Jr. - "A Method for the Complete Definition of Programming Languages"	1970
1	25	Baker, Richard - "Computer Implementation of Bottom-up Analyzers"	1971
1	26	Barfknecht, Harold August - "A Historical Survey of Digital Computing Devices"	1971
1	27	Blake, Linda Sue - "A Compiler for Experimental Chemistry Language"	1971
1	28	Crenshaw, J. H. & Lambert, R. J. - "Starting Approximations for Rational Fraction Least-Squares Fitting"	1971
1	29	Crenshaw, John H. - "Starting Approximations for Rational Fraction Least-Squares Fitting"	1971
1	30	Conker, Robert S. - "Mathematical and Programmatical Considerations for Effective Use of Dynamically-Structured Binary Trees"	1971
1	31	Conley, Marsha Kay - "Retention in Block Structured Programming Languages"	1971
1	32	Crouse, Kenneth - "Using Predicator-Corrector Methods on Nonlinear Ordinary Differential Equations"	1971
1	33	Eliason, Dennis Dean - "An Introduction to HASP"	1971

Box	Folder	Title	Dates
1	34	Gerritz, George A. - "The Design Considerations for a Programmable Mini-Computer Communications Controller"	1971
1	35	Giddings, Richard Vance - "Relations Between Formal Languages, Grammars, and Recognizers"	1971
1	36	Gittins, Kenneth A. - "Design and Implementations of Bottom Up Analyzer for Precedence Grammars Having Non-unique Right Parts"	1971
1	37	Hoffer, Barbara G. - "Finite Difference Methods for Solution of Boundary Problems"	1971
1	38	Lund, John C., Jr. - "A Study of Emulation"	1971
1	39	Mills, Philip Mason - "A Compiler Generating System for a Table Driven Compiler Using Automatic Language Expansion"	1971
1	40	Morgan, Claire S. - "Analysis of Three Top-Down Syntax Analyzer Algorithms"	1971
2	1	Morrow, Melvin M. - "The Compiler Writing Language Meta III and its Implications for the Automatic Construction of Compilers"	1971
2	2	Nicholson, James H. - "Error Recovery in Precedence Grammar Syntax Analysis"	1971
2	3	Peinert, Elizabeth A. - "A Baseball Game Simulator for Managerial Training"	1971
2	4	Petersen, Charles Glenn - "Isotope Separator Monitor"	1971
2	5	Pyron, Howard D. - "A Non-Stationary Two-Dimensional Acceleration for the One-Dimensional Projection Method"	1971
2	6	Scranton, D. G. & Manchester, E. F.- "The Use of Simplotter, A High Level Plotting System"	1971
2	7	Van Arkel, Douglas - "Concepts of a Memory Management System"	1971
2	8	Wainwright, Roger L. - "MACRO PL/1 A Programming Language Developed for Household Survey Analysis"	1971
2	9	Abbey, Mary W. - "A Review of Page Replacement Algorithms"	1972
2	10	Armbruster, Philip - "A Formal Description of a Subset of the Fortran Programming Language Using the Vienna Definition Language"	1972

Box	Folder	Title	Dates
2	11	Armstrong, John Edward - "Development of a General Method for the Cost Analysis of Programming Features"	1972
2	12	Farrington, Norman Jay - "Now is the Time: An Overview of Privacy and Security Considerations in the Computer Age"	1972
2	13	Fowlie, Jerald Lindsey - "The Symbol IIR Disc Controller"	1972
2	14	Keerl, Thomas - "A Survey of Garbage Collection Techniques for Virtual Memory Environments"	1972
2	15	Marcy, Michael Terreville - "A Fortran Subroutine to Compute the Jacobi Matrix for a Projection Method Which Solves a Nonlinear System of Equations"	1972
2	16	Mead, Howard James - "A Program for Studying Allocation Schemes"	1972
2	17	Reiley, James S. - "SPSD: A System to Process Survey Data—In a List-Structured Environment"	1972
2	18	Tokko, Mok - "Optimal Three Dimensional Projection Method for Solving Linear Algebraic Equations"	1972
2	19	Vimal, Ram Lakhan Pandey - "Formal Description of a Subset of PL/I Using Vienna Description"	1972
2	20	Wallentine, Virgil Eugene - "An Abstract Machine to Control the Execution of Semi-Independent Concurrent Computations"	1972
2	21	Bowman, Michael D. - "Control of File Access Among Concurrent Processes in a Non-Paged System"	1973
2	22	Fuhrman, Joel - "A Simulation of a Computer System Done in GPSS"	1973
2	23	Heltemes, Richard John - "Several Examples of Algorithms that May be Used to Optimize Measures of Performance"	1973
2	24	Huang, Charles Cho-Hsien - "Transformation Methods for the Eigenvalue Problem of a Symmetric Matrix"	1973
2	25	Koelling, Rodney Allen - "Approaches to Investigating Predictable Job Turnaround"	1973
2	26	Kramer, Paul Harold - "The Growth and Development of Microprogramming"	1973
2	27	Kruntorad, Judith M. - "Automatic Theorem Proving Using Resolution"	1973

Box	Folder	Title	Dates
2	28	Niebaum, Eldon Jerome - "Design and Complete Definition of a Systems Programming Language for Data Communications"	1973
2	29	Streef, Thomas James - "Applications of an Algebraic Approach to System Correctness"	1973
2	30	Villanueva, Julio Estuardo - "Analysis of a Minimum Cost Deadlock Recovery Algorithm for Systems with Single Unit Resources"	1973
2	31	Brown, Walter E. - "On the Syntactic Analysis of German"	1974
2	32	Burgess, Richard A. - "Proof of Correctness of a Partial Parser for a Syntactically Ambiguous Language"	1974
2	33	Campbell, Jerry Hamilton - "A Software Organization for the Control of Multiple Processes"	1974
2	34	Carlson, Jack Louis - "A Hardware-Assisted Hashing Technique"	1974
2	35	Conker, Robert Stephen - "An Iterative Method for the Solution of the Algebraic Eigenvalue Problem for Hermitian Matrices"	1974
2	36	Covert, George F. - "The System Management Report and Retrieval System"	1974
2	37	Egnotovitch, Michael M. - "The Four-A System"	1974
2	38	Fernandes-Villasenor, Yolanda M. - "Virtual Memory and the IBM/370 Implementations"	1974
2	39	Herman, Robert Arthur - "Generalized Stiffly Stable Method of the Third Order"	1974
2	40	Jordan, John Raleigh - "Deadline Scheduling in the Multiprogrammed Computer Environment"	1974
2	41	Liu, Mei Ling - "A Study of Anomalous Behaviors in List Scheduling of Multiprocessor Systems"	1974
2	42	Lucido, Anthony Peter - "The META-T Compiler-Compiler"	1974
2	43	Moon, Leonard C.- "Program Correctness in a Multiprogrammed Multiprocessor Environment"	1974
2	44	Nimtz, William F. - "Timeout Control in Data Communications"	1974

Box	Folder	Title	Dates
2	45	Sweet, Alan F. - "An Analytic Model of a Paging Drum with Dependent Transactions"	1974
3	1	Archilla, Doris Ann - "File Maintenance Methods for Business Applications of Minicomputers"	1975
3	2	Black, Rodney Wayne - "Structured Programming in the SYMBOL-2R Programming Language"	1975
3	3	Brett, Robert Francis - "A Hierarchic Control Structure for User Programs in the Symbol System"	1975
3	4	Conker, Robert S. & Lambert, Robert J. - "An Iterative Method for the Solution of the Algebraic Eigenvalue Problem for the Hermitian Matrices"	1975
3	5	Dalhoff, Randal - "A Software Design for Multiplexing Asynchronous Communication Lines"	1975
3	6	Fouser, Thomas John - "The Proposed System Design of a Projection Analysis Interactive Research System (PAIRS)"	1975
3	7	Isenhard, Robert - "A Study of Some Time Sharing Scheduling Strategies"	1975
3	8	Kwinn, Kathryn Yuhas - "An Introduction to Tree Automata with an Application to Programming Language Translation"	1975
3	9	Kwong, Chak-Chung - "A Survey of Microprocessors"	1975
3	10	Nguyen, Long Vo - "Projection-Based Methods for Solving Systems of n Nonlinear Equations in n Unknowns"	1975
3	11	Phares, Therese Bowdre - "Experimental Investigation of Processor Switching Costs on Preemptive Schedule Lengths"	1975
3	12	Retnadhas, C. - "Detection of Parallel Processes in a Higher Level Language Program and Their Realization on a Data Flow Architecture"	1975
3	13	Skewes, Jr, Kenneth W. - "Interpretation Versus Compilation: An Examination of the Resolution of Ambiguous Constructs in APL"	1975
3	14	Smith, Carol Lynn - "A Formal Analysis of Name Accessing in Programming Languages"	1975

Box	Folder	Title	Dates
3	15	Stallmo, David - "Implementation of a High Level Language Using Interpretation Via Threaded Code"	1975
3	16	Steele, Dennis R.- "An A Priori Error Analysis for a Picard-Chebyshev Solution to an Initial Value Problem"	1975
3	17	Van Buer, Darrel J. - "A Study of the Properties of Indexed Grammars"	1975
3	18	Villanueva, Julio Estuardo - "Some Execution-Time Properties of Optimal Schedules in Multiprocessor Systems"	1975
3	19	Willenborg, Dale B. - "Code Generation Versus Threaded Code Interpretation of an Intermediate Form of a High Level Language"	1975
3	20	Allan, Stephen John - "A Data Structure for the Translation of a Sequential High Level Language into a Data Flow Language"	1976
3	21	Carr, Patricia Ann - "Name Management in the Construction of Large Programs"	1976
3	22	Hanenberger, Jr., Don F. - "BCPL and the Varian 620/i: A Simulator, a Relocatable Loader, and a Runtime Environment"	1976
3	23	Heistand, Norman L. - "Preliminary Specifications for Translation of a High Level Language to a Data Flow Language: Code Generation Templates"	1976
3	24	Ho, Ping-Yu - "Abstract Data Types and Their Relation to Structured Programming and an Implementation of Abstract Data Types in PL/1"	1976
3	25	Houseman, LaVern W. - "A Problem Set to Aid in the Teaching of FORTRAN with WATFIV"	1976
3	26	Hutchison, Perry Charles - "Extensions to a Block-Structured Programming Language to Support Processing of Symbolic Data and Dynamic Arrays"	1976
3	27	McCormick, Richard - Untitled	1976
3	28	Petersen, Charles Glenn - "The Development and Cross Validation of a Predictive Model of Achievement in <u>Introduction to Computers</u> at Northwest Missouri State University"	1976

Box	Folder	Title	Dates
3	29	Preissman, Steven - "APL 360 Workspaces: Structure and Translation"	1976
3	30	Richards, Hamilton, Jr. - "Controlled Information Sharing in the Symbol-2R Computer System"	1976
3	31	Seidman, David T - "Varian Code Generator for the BCPL Compiler"	1976
3	32	White, Ralph Kendall - "A Graph for Coordinating Systems of Tasks"	1976
3	33	Wittneben, Walter James - "ISEP System Design: Design of a Minicomputer Laboratory for Pedagogical Purposes"	1976
3	34	Boyd, Stanley A. - "A Naming Scheme to Provide Pipelining Speedup in a Data Flow Computer"	1977
3	35	Clark, William G., Jr. - "Data Dictionary: Definition and Design"	1977
3	36	Davis, Martin & Schwartz, J. T. - "Correct-Program Technology/Extensibility of Verifiers"	1977
3	37	Gates, Patricia E. - "The Problem of Portability in the Conversion of an Insurance System from one Computer Environment to Another"	1977
3	38	Henry, Sallie M. - "SUPL, A Systems Programming Language"	1977
3	39	Maring, Jody Lynn - "Study of Extended Generalized Assignment Statements and Generalized Function Return Values"	1977
3	40	McMahon, Lynn - "The Peanuts Operating System"	1977
4	1	Mikkelsen, Tim I. - "A Bit Slice Microprocessor Based Page Replacement Controller For the SYMBOL 2R Computer System"	1977
4	2	Miller, Nancy E. - "Computer Assisted Instruction Effectiveness, Cost, and Attitudes"	1977
4	3	Pak, Raylene - "Minicomputer Based File Management Systems"	1977
4	4	Paul, Dennis E. - "The Design and Implementation of an Assembler for an Elementary Data Flow Machine"	1977
4	5	Sandve, William Day, Jr. - "An Investigation of Criteria for Physical Record Size Selection"	1977

Box	Folder	Title	Dates
4	6	Thoreson, Sharilyn - "A Software Simulation of an Elementary Data Flow Computer"	1977
16	22	Eckstein, Denise M. - "Parallel Graph Processing Using Depth-First Search and Breadth-First Search"	1977
4	7	Al-Sayed, Husni Sameeh - "Cache Memory Application to Microcomputers"	1978
4	8	Baldwin, William Allen - "A Review of Parsing Techniques Used in a Programming Language Parser"	1978
4	9	Crouse, K.R., Lambert, R.J., & Sposito, V.A. - "Proportion Estimation and Classification of Mixed Pixels in Multispectral Data"	1978
4	10	Guist, Judith L. - "Name Memory in a Non-Feedback Data Flow Machine"	1978
4	11	Harris, Kathleen A. - "An Assertion Based Source to Source Program Transformer"	1978
4	12	Jennings, Steven F. - "Synchronization and Communication of Processes in a Data Flow Environment"	1978
4	13	Kwinn, William A. - "Memory Management Policies for a Hardware Implemented Computer Operating System"	1978
4	14	Mahal, William V. - "Execution Time Complexity of Quicksort on a Feedback Data Flow Processor"	1978
4	15	Olien, David M. - "Reliability and Protection Through Capabilities"	1978
4	16	Odum, Godwin U. - "Syntax and Semantic Definition of the Language KL-1"	1978
4	17	Pillay, Colin A. - "A Disassembler for the PDP 11/34"	1978
4	18	Retnadhas, C. - "Compile Time Prediction of Intrinsic Parallelism in High Level Programs"	1978
4	19	Shultz, Roger K. - "A Two-Server Queue with Memory Constraints"	1978
4	20	Allan, Stephen J. - "The Reduction of Data Dependencies in High Level Programs"	1979
4	21	Brown, Walter E. - "Toward an Optimizing Compiler for a Very High Level Language"	1979
4	22	Franks, Robert Dee - "Public Key Cryptography"	1979

Box	Folder	Title	Dates
4	23	Fritz, Thomas E. - "A Commentary on the Concurrent Pascal Virtual Machine"	1979
4	24	Henry, Sallie M. - "Information Flow Metrics for the Evaluating of Operating Systems' Structure"	1979
4	25	Hong, Sung Je - "Existing Algorithms for Synchronizing/ Distinguishing Sequences"	1979
4	26	Long, Arlen N.- "An Investigation of Adding Processors and Memories to Reduce Communications"	1979
4	27	Matrow III, John Edwin - "The Graph Isomorphism Problem"	1979
4	28	Maurer, Peter M. - "Controlled Access to Shared Data Bases in Data Flow Execution Environments"	1979
4	29	McNamara, Pat - "ISIS-II Z80 Cross Assembler"	1979
4	30	Okada, Michinori - "A Real-Time Computing System to Monitor a Solid Waste Resource Recovery System"	1979
4	31	Olmstead, Scott - "A Non-Recursive Implementation of One-State Bottom-Up Tree Transducers"	1979
4	32	Parsian, Mahmoud - "An Application of Semantic-Preserving Translations for Data Structure Implementation"	1979
4	33	Stone, Mary - "A Non-Recursive Phrase Match Algorithm"	1979
4	34	Suzuki, Kaoru - "Survey of Real-Time Languages"	1979
4	35	Tafazzoli, Hassan B. - "Phrase Matching for Tree Transducers"	1979
4	36	Taylor, Pamela Mackey - "Privacy and Security and How These Issues Affect the Computer Scientist"	1979
4	37	Wittneben, W. James – "Design and Evaluation of a Reference String Sampling Method"	1979
4	38	Garnant, Craig M. - "A Study of the Protection System on the VAX 11/780"	1980
4	39	Goergen, James L. - "An Investigation into the Design of a Text Editing Computer"	1980
4	40	Harper, James Thomas - "Timing Studies of Two Cryptographic Systems Implemented in Software"	1980
5	1	Guntly, Stephen P. - "Concurrency Control Mechanisms for Distributed Database Management Systems"	1980

Box	Folder	Title	Dates
5	2	Limback, Steven A. - "A Package for Solving Stiff Systems of Ordinary Differential Equations"	1980
5	3	Milroy, Robert Dennis - "A Survey of Protection Mechanisms in Computer Systems"	1980
5	4	Morris, Roy - "An Investigation of Phrase Matching"	1980
5	5	O'Neil, Thomas E. - "A Compiler Study for Sequential Modula"	1980
5	6	Rubinstein, Roy S. - "A Syntax-Directed Translation from Modula into PL/I"	1980
5	7	Thoreson, Sharilyn Ann - "A Study of Memory References in a Data Flow Environment"	1980
5	8	White, Elaine - "A Routine for Automatic Step Size and Order Changing for Stiff Differential Equations"	1980
5	9	Azadmanesh, Mohammad H. - "Modification to SOLO Operating Systems for a Microprocessor-Based Machine"	1981
5	10	Brady, David J. - "Conversions Made to the Kernel and Interpreter of SOLO"	1981
5	11	Canning, James Thomas - "Measuring Structural Properties of Real Reference Strings via Periodic Sampling"	1981
5	12	Chen, Wei-Ju (Wayne) - "Analysis and Improvement of a Multi-Pass Compiler for a Pipeline Architecture"	1981
5	13	Cheng, Feng Sheng - "Idiom Matching: An Optimization Technique for an APL Compiler"	1981
5	14	D'Asto, Jerry L. - "A Comparative Study of Techniques for Maintaining Consistency in a Distributed Data Base Environment"	1981
5	15	Deng, Dong-Lih - "A Commentary on the Portable C Compiler"	1981
5	16	Forouhari, Danesh - "Implementation of Unix Operating System on Terak 8510A Minicomputer"	1981
5	17	Hurmence, Joel B. - "A Survey of Five Functional Languages"	1981
5	18	Jennings, Steven Fletcher - "Petri Net Models of Program Execution in Data Flow Environments"	1981

Box	Folder	Title	Dates
5	19	Lan, Kwai-Ting - "A Study of Sampling, Granularity and Localities in Program Restructuring"	1981
5	20	Papiernaiak, Frank J. - "Transporting the PL Modula System to the HP 9845"	1981
5	21	Barirani, Afarin - "A Study of Approaches to Interface Design"	1982
5	22	Battles, Keith J. - "Word Processing"	1982
5	23	Fan, Chin-Feng - "A Study of Efficiency Achieved by Idiom Processing in an APL Compiler"	1982
5	24	Farzaneh, Farhad - "Implementation of an Access Control and Authorization Mechanism for MRS:A Micro Relational System"	1982
5	25	Greenley, William A. - "DOCSYS: An Architecture to Support Documentation as the Control Structure of a CBIS"	1982
5	26	Maurer, Peter Michael - "FCL: A Purely Functional Language for Data-Flow Programming"	1982
6	1	Omdahl, Scott J. - "Idiom Matching: An Optimization Technique for an APL Compiler"	1982
6	2	Parsian, Mahmoud - "Data Structure Implementation and Correctness"	1982
6	3	Rosenbaum, Don M. - "An Analysis of Three Machines Using Dataflow or Applicative Languages"	1982
6	4	Wat, Jefferson Kwok-Leung - "A Data Dictionary System for a Relational Data Base Management System"	1982
6	5	Weon, You-Bong - "Two Methods of Fault-Detection in Testing a Finite-State Machine"	1982
6	6	Ziebell, Kent - "A Pragmatic Approach to the Selection and Implementation of a Computer Graphics Hardcopy Device"	1982
6	7	Berg, Scott A. - "QUIX: A Relational Database Management System"	1983
6	8	Boe, Doris Trenkamp - "Implementation of Information Retrieval System for Department of Computer Science" (1 of 2)	1983

Box	Folder	Title	Dates
6	9	Boe, Doris Trenkamp - "Implementation of Information Retrieval System for Department of Computer Science" (2 of 2)	1983
6	10	Cravatta, Christine A. - "Simulation of Devices: A Study of Accessing and Timing Techniques"	1983
6	11	Ellenberger, John - "VLSI Architecture in Computer Graphics"	1983
6	12	Grindeland, David D. - "A Comparative Study of Distributed Programming Language Features"	1983
6	13	Hanaja, Esther - "Statistical Database Systems: Privacy Problems and Overview of Solutions"	1983
6	14	Knox, Deborah L. - "Investigation of a Microcomputer-Based Multiprocessing System"	1983
6	15	Liu, Chuan-Ming - "A Recovery Subsystem for a Relational Database Management System"	1983
6	16	Maedjaja, Febe - "Pascal/Pm: An Extension of Pascal with Pattern Matching Facility"	1983
6	17	McDonald, Robert A. - "A DES-Based Scheme for Encrypting User Files on VAX/VMS"	1983
6	18	Nelson, Peter Lindel - "QBX/L: A Domain Calculus Query Language User Manual and Report"	1983
6	19	Rantetana, Marcellus - "System Deadlocks: Detection, Prevention and Recovery"	1983
6	20	Rodriquez, Julia A. - "Special Purpose Language Design and Implementation The Special Case of Regular Languages"	1983
6	21	Sabnis, Deepak Shantaram - "Protection in Resource Oriented Distributed Systems"	1983
16	23	Karns, Gregory A. - "A General Simulator for the Simulation of Multiprocessor Systems"	1983
6	22	Bugh, Robert A. - "An Empirical Investigation of Control Flow Complexity Measures"	1984
6	23	Chawla, Mukta - "FMS: A Forms Manipulation System"	1984
6	24	Crall, Chris - "Description and Function of the Resource Interface Module: A Local Area Network Controller"	1984

Box	Folder	Title	Dates
6	25	English, William Jeffrey - "A Compile-Time Analysis, Run-Time Certification Mechanism for Secure Information Flow"	1984
6	26	Fehlhaber, Thomas F. - "An Overview of Concurrency Control and Recovery in Distributed Database Systems"	1984
6	27	Headington, Mark Roger - "Open Predicate Path Expressions for Distributed Environments: Notation, Implementation, and Extensions"	1984
7	1	Helm, Mark L. - "FMS: A Forms Manipulation System"	1984
7	2	Moukaddam, Samir Mahmoud - "Algebraic Specifications of Abstract Data Types"	1984
7	3	Orthober, Jeff - "CP/M and the S-100 Bus"	1984
7	4	Rich, Craig A. - "Nondeterministic Polynomially Time-Bounded Reducibilities that Yield Positive Relativizations of the P=? NP Problem"	1984
7	5	Royer, Mojgan - "Applications of Graphics"	1984
7	6	Samiya, Manouchehr - "Interactive Plotting Ordinary Differential Equation Solver"	1984
7	7	Schoeller, Todd Michael - "LSI/II Operating System For the Testing of Disk-Based and Network-Based Systems"	1984
7	8	Sherman, Steve - "Local Area Networks"	1984
7	9	Singh, Ambuj Kumar - "Software Resiliency Schemes in a Transaction-Oriented Distributed System"	1984
7	10	Teng-Amnuay, Yungong - "A Categorization Scheme for Concurrency Control Protocols in Distributed Databases"	1984
7	11	Tompkin, Mark D. - "High Level Constructs for Graphic Languages"	1984
7	12	Ahmed, Sajida Q. - "Simulation of a Multiprogramming Operations System"	1985
7	13	Crall, Carole S. - "Executable Logic Specifications for Protocol Interfaces"	1985
7	14	Dutton, John P. - "A Study of the Franz LISP Structure Editor"	1985
7	15	Fidder, Ted M. - "A Dialog Manager for the UNIX Environment"	1985

Box	Folder	Title	Dates
7	16	Hansen, Richard C. - "A Study of LOTUS: A Formal Description Technique for Protocols and Services"	1985
7	17	Howatt, James William - "A Quantitative Characterization of Control Flow Context: Software Measures for Programming Environments"	1985
7	18	Imani, Nazanin - "MENURITE: An Interactive System Generator"	1985
7	19	Lui, Anthony Y.L. - "Study of ISO Standard for Estelle: A Formal Description Technique for Protocol Specifications"	1985
7	20	Lukat, Ruth J. - "The Design and Implementation of a Typed Functional Programming Language"	1985
7	21	O'Neil, Thomas Eugene - "The Multidimensional Forest Languages"	1985
7	22	Ranum, David Leland - "Reconstructive Tomography: A Study of Algorithms with Emphasis on Iterative Solutions"	1985
7	23	Richey, John William - "Programming with a Functional Programming Language: A Look at ML"	1985
7	24	Taulbee, Orrin E. - "Properties of Local Area Network Interconnection and Gateways for Interconnection"	1985
7	25	Ting, Kok Meng - "A Comparison Between a Reduced Instruction Set Computer and a Stack Machine"	1985
7	26	Willis, Colen K. - "Understanding and Using the Ada Package"	1985
7	27	Zhang, Lu - "An Implementation of a Deductive Question Answering System"	1985
7	28	Aristizabal, Juan L. - "An Automated Tool for Module Specification"	1986
7	29	Bailey, Fran - "Achievements and Limitations of Intelligent Computer-Assisted Instruction Systems"	1986
7	30	Bharagava, Gautam - "Natural Language Query Evaluation for Logic Databases"	1986
7	31	Booyavatana, Rattikorn - "Intercalation Properties of Context-Free Languages"	1986
8	1	Botero, Olga - "General Models of Public Key Cryptosystems and Security Measures"	1986

Box	Folder	Title	Dates
8	2	Chang, Chuan-Teh - "Formalization of the WWMCCS Host-to-Front-End Protocol"	1986
8	3	Chang, Chun-shi - "An Attribute Grammar for Estelle-A Formal Description Technique for Protocols and Services"	1986
8	4	Cho, Sang - "Complexity of Parallel Computation and Recognition of Context-free Languages"	1986
8	5	Dotseth, Michael J. - "A Simulation of Parallel Processors in a Document Retrieval Environment"	1986
8	6	Duque, Guillermo A. - "A Performance Study of Disk Scheduling Strategies for a Single Controller Dual Disk System"	1986
8	7	Ghose, Kanad - "A Multiprocessor Architecture for Object-Based Systems"	1986
8	8	Hongthong, Prasopporn - "A Study of Solutions to Byzantine Generals Problem"	1986
8	9	Jadvar, Nadia - "Pattern Generalization for NLTAS"	1986
8	10	Justice, Brian - "An Analysis of the 4.2 BSD UNIX Scheduler"	1986
8	11	Kogan, Esther - "The Design and Implementation of a λ -Calculus and Denotational Semantics Interpreter"	1986
8	12	Kumar, Muruganandan - "Extended Open Predicate Path Expressions"	1986
8	13	Lakshman Kumar, Mukkavilli - "Programming Language Design and Denotational Semantics"	1986
8	14	Lee, Kesig - "Implementing a Conceptual Analyzer for Natural Language Processing by Using Prolog"	1986
8	15	Leung, Ting-Kau - "Study of Fault Coverage of Protocol Test Sequence Generation Methods"	1986
8	16	Liu, Shu-Hwa - "Patterns as Expressions in Natural Language Text Analysis"	1986
8	17	Nune, Durga Prasad - "Task Assignment in Distributed Computing Systems"	1986
8	18	Wu, Tseng-Feng - "Study of Closed Cover Method for Verifying Protocol Properties"	1986
8	19	Zelle, John - "Natural Language Text Analysis"	1986

Box	Folder	Title	Dates
16	24	Karlsson, Gudmundur - "A Study of Intelligent Backtracking and Concurrency in Logic Programs"	1986
8	20	Chung, Anthony Wai Man - "Techniques for Protocol Verification"	1987
8	21	Doh, Kyung-Goo - "Generating a Standard Representation from Pascal Programs"	1987
8	22	Geske, John George - "On the Structure of Intractable Sets"	1987
8	23	Gulati, Rajesh - "Using Definite Clause Grammars for Natural Language Access to Relational Databases"	1987
8	24	Knox, Deborah Lee - "Combinators as Control Mechanisms in Multiprocessor Systems"	1987
8	25	Lin, Chi-Ming Josey - "Planes a Reliable Data Transport Model for Local Area Networks"	1987
8	26	Lin, Ta Wen - "Routing Issues for Dynamic Networks"	1987
8	27	Miglani, Gopal K. - "A Study of Estelle-A Language for Formal Description of Protocols"	1987
8	28	Nair, Raj Krishnan - "A Structure Editor for Prolog Aspects of its Design and Implementation"	1987
8	29	O'Donnell, Al - "The Regenerating Trojan Horse: An Issue in Computer Security"	1987
8	30	Rudrabhatla, Lakshminarayana - "A Study of ISO Class-2 Transport Protocol"	1987
8	31	Schoenberger, Annette Virginia Dittmer - "OI and IO Multidimensional Forest Languages"	1987
9	1	Tai, Wen-Shung - "Representing Commonsense Knowledge for Expert Systems"	1987
9	2	Teh, Ean Ling - "A Study of LOCUS Distributed Operating System"	1987
9	3	Tsai, Hsine-Jen - "Supporting Time in the Database Machine ASLM"	1987
9	4	Varikooty, Krishna S. - "Modeling and Verification of Protocols Using Parlog and Concurrent Prolog"	1987
9	5	Viswanath, L. - "A Prolog Simulation of DoD Internet Protocol"	1987

Box	Folder	Title	Dates
9	6	Bappe, Michael E. - "An Operating System Port from a Single-Mode Segmented Architecture Machine to a Dual-Mode Linear Architecture Machine"	1988
9	7	Burkel, Martin - "Problem Solving with Neural Networks"	1988
9	8	Coleman, David L. - "LISPFLAWS: Modeling the Structure of Functional Programs"	1988
9	9	Ghose, Kanad - "A VLSI Architecture for enhancing Software Reliability"	1988
9	10	Halter, Steven L. - "Neural Networks"	1988
9	11	Happel, Ron - "An Extension of the Standard Representation for Modeling Data Structures"	1988
9	12	Haque, Waqarul - "Reaching Agreements in Distributed Systems Using Multicast Communication"	1988
9	13	His, Chenning - "A Model of the Question/Answer Process: Implications for Response Analysis"	1988
9	14	Jorgensen, Russell B. - "A Distributed Processing Environment for UNIX"	1988
9	15	Kang, Youngdon - "Shortest Path Routing Algorithms in HR4-NET"	1988
9	16	McKee, Bret A. - "A Multi-Queue Process Scheduler with Feedback for the MINIX Operating System"	1988
9	17	Nair, Sunil S. - "Methods for Generating Protocol Testing Sequences"	1988
9	18	Rich, Craig Alan - "The Complexity of Two Finite-State Models-Optimizing Transducers and Counting Automata"	1988
9	19	Ryou, Jea-Cheol - "A Heuristic Algorithm for Load Balancing in Distributed Computer Systems"	1988
9	20	Sunderraman, Rajshekhar - "Indefinite and Maybe Information in Deductive Relational Databases"	1988
9	21	Sung, Lingyuan - "PASCAL/PPM: Pattern Production and Matching in PASCAL"	1988
9	22	Tomanek, Susan - "Temporal Support in Decision Support Systems"	1988
9	23	Bashyam, Kirana M. - "Routing Protocols in Large and Dynamic Networks"	1989

Box	Folder	Title	Dates
9	24	Bhargava, Gautam - "A 2-Dimensional Temporal Relational Database Model for Querying Errors and Updates, and for Achieving Zero Information-Loss"	1989
9	25	Bhat, Sunil - "Implementing Linear Programming on Fixed Sized Hyper-cubes"	1989
9	26	Cheng, Chih-Heng - "Flow Control in Metropolitan Area Network"	1989
9	27	Chu, Lee - "Query Answering on Logic Databases Involving Null Values"	1989
10	1	Deng, Tz-Lung Ronald - "Constructing Local Area Networks with a Hypercube Structure"	1989
10	2	Gunawan, Handy - "Object Language Editor"	1989
10	3	Hansen, S. Theodore Jr. - "Personal Consultant Plus Tutorial and Abbreviated Reference Guide"	1989
10	4	Inglett, S. R. - "Simulation of a Parallel File Environment"	1989
10	5	Jobusch, David L. - "Password Mechanisms: Weaknesses, Improvements, and Their Effects on 4.3BSD Systems"	1989
10	6	Lynch, Harry C. - "Soar: An Implemented Architecture for General Intelligence"	1989
10	7	Martinek, John - "A Temporary Variable Implementation of the Icon Virtual Machine"	1989
10	8	Matthews, Robert E. - "Iterative Algorithms for Rapidly Growing Functions"	1989
10	9	Null, Linda M. - "A Multilevel Database Security Model Based on Inference Engines"	1989
10	10	Srikanth, Jayaraman - "Design and Verification of a Multilevel Secure Object-Oriented Distributed System"	1989
10	11	Stoen, Rick - "A Failure Tolerant Algorithm for Mutual Exclusion in Distributed Systems"	1989
10	12	Wright, James R. - "A Beginner's Guide to the Image Acquisition System"	1989
10	13	Yang, Jihoon - "Implementing Parallel Heuristic Graph Search on the Hypercube Simulator"	1989
10	14	Yen, Cheng-Huang - "A Proposed Surveillance System for Detecting the Intrusions of a Computer System"	1989

Box	Folder	Title	Dates
10	15	Young, Han In - "Evaluation of a Computer-Based Lesson on File Operations"	1989
16	25	Suen, Tung-Yu Tony - "Static and Dynamic Task Scheduling Algorithms in Distributed Computing Systems"	1989
10	16	Adam, Susanna - "Computation Center Automated Software Consultant (CCASC)"	1990
10	17	Bratton, David - "Line Detector"	1990
10	18	Dean, Kelly - "Simulation Studies of Litwin's Linear Hash"	1990
10	19	Even, Susan Johanna - "Type Inference for Action Semantics"	1990
10	20	Harms, Sherri K. - "Nested Query Performance Comparison in IBM's Relational Database Family"	1990
10	21	Higbee, Ilga Birze - "Computer Assisted Learning: Structure Elucidation of Organic Halides by Analysis of Their Mass Spectra"	1990
10	22	Kim, Neg-Hoe - "Efficient Technique to Generate Arbitrators for the \sqrt{N} Distributed Mutual Exclusion Algorithm"	1990
10	23	Krishnamoorthy, Jayaprakash - "Design and Implementation of a Real-Time Multitasking Kernel"	1990
10	24	Madi, Bassam M. - "An Implementation of a Storage Model for Handling Semantic Exceptions in Database Systems"	1990
10	25	Mikler, Armin - "Secure Communication in Integrated Services Digital Networks"	1990
10	26	Min, Yong - "TCAL to Support Time in Databases"	1990
10	27	Mukherjee, Subrata - "A Simulation Model to Study the Performance of Concurrency Control Algorithms for Transaction Processing Systems"	1990
10	28	Narayan, Pankaj - "Implementation and Analysis of a Contour Plotting Algorithm on the MasPar Computer"	1990
10	29	Poon, Yiu Cheong - "Relational Algebra for a Partial Historical Database Model"	1990
11	1	Raghavan, Govindan - "Design and Implementation of Language Features for Real-Time Programming"	1990

Box	Folder	Title	Dates
11	2	Rose, John T. - "Formal Definition of 'Abstract Procedural Definition': A Global Dataflow Perspective on Procedures"	1990
11	3	Royer, David A. - "Dynamic Restructuring of Relational Databases"	1990
11	4	Singh, Tajinder Pal - "Hardware Design of a Real-Time Copying Garbage Collection System"	1990
11	5	Vasudev, Hari - "Performance Analysis of the Transputer Architecture"	1990
11	6	Williams, Mark Allen - "Efficient Processing of Hierarchical Graphs"	1990
11	7	Clary, Jeffrey S. - "Implementation of Hopfield Neural Network on the MasPar System"	1991
11	8	Coleman, David L. - "Formalized Structured Analysis Specifications"	1991
11	9	Elumalai, Vandivelu - "Multimedia Information Delivery Systems"	1991
11	10	Forourahi, Babak - "Incorporation of Dempster-Shafer Theory of Belief Functions into Nexpert Object's Reasoning Process"	1991
11	11	Krishnamurthi, Ilango - "A Learning Model for Rule Based Expert System"	1991
11	12	Kumar, Muruganandan - "Transaction and Data Models for Design Databases"	1991
11	13	Lass, Dean Roger - "Detection of Single-Threading Properties in Combinator Notations"	1991
11	14	Lee, Kesig - "Theoretical Study of Information Capacity of Hopfield Neural Network and its Application to Expert Database System"	1991
11	15	Mitra, Simanta - "Demand Paged Memory Management System for XINU"	1991
11	16	Mukkavilli, Lakshman Kumar - "Divide-and-Conquer Algorithms for Multiprocessors"	1991
11	17	Mukkavilli, Subbalakshmi Venkata - "A Digital Typesetting System for Telugu"	1991
11	18	Namineni, Srinivasa Rao - "A Study of RISC Architectures"	1991

Box	Folder	Title	Dates
11	19	Null, Linda M. - "A Multilevel Security Model for Object-Oriented Database Systems"	1991
11	20	Roy, Anindya - "Design of an Auditing System for Databases"	1991
11	21	Schmidt, William Jon - "Circuit Size Relative to Pseudorandom Oracles"	1991
11	22	Wikstrom, Milton Curtis - "The Work/Exchange Model: A Generalized Approach to Dynamic Load Balancing"	1991
11	23	Wittry, Jim - "A Hybrid Neural Network Architecture for Pattern Recognition"	1991
16	26	Dincer, Kivanc - "Implementation of a Finite Element Model for Inspecting the Steam Generators in Nuclear Power Stations"	1991
16	27	Xu, Jun - "Performance Analysis of Distributed Fail-Safe Routing Algorithms in Metropolitan Area Networks"	1991
11	24	Allen, Kenneth R. - "Implementation of Algebraic Optimization in the Eram DBMS"	1992
11	25	Bhargava, Piyush - "Synchronization in Multimedia Systems"	1992
11	26	Bower, Randall W. - "A Hypermedia System Designed for Instruction"	1992
11	27	Chen, Chun-Hsien - "Implementation of Update and Algebraic Operations in a Temporal Database"	1992
11	28	Chinta, Ramakrishna - "Hardware-Assisted Garbage Collection for the Icon Programming Language"	1992
11	29	Chopra, Vimal - "A Relational Model and SQL-Like Language for Seamless Query of Spatial Data"	1992
11	30	Deshmukh, Nitin - "Performance Evaluation of Shared Memory Multiprocessor Systems"	1992
11	31	Edara, Madhuri Lakshmi - "Incremental Recomputation of Active Relational Expressions in Temporal Databases"	1992
12	1	Hansen, Lawrence R. - "Structure and Updating in Object Databases"	1992
12	2	He, Min - "An Efficient Storage Protocol for Distributed Object Oriented Database"	1992

Box	Folder	Title	Dates
12	3	Khanduja, Deepali - "An Organization of Pointers for Secondary Indexes"	1992
12	4	Kim, Youngtae - "rtScript: A Scripting Language for Writing Real-Time Programs in C"	1992
12	5	Muthegere, Jaisimha - "Internetworking for Xinu – Implementing the Internet Protocols"	1992
12	6	Nayar, Naresh - "Quantum Wave Modeling on Highly Parallel Distributed Memory Machines"	1992
12	7	Oh, Hee-Kuck - "The Relaxation Method for Learning in Artificial Neural Networks."	1992
12	8	Roberts, Joseph L. - "A Prototype of the Generation of Views for an Object-Relational Interface"	1992
12	9	Schoelerman, Susan K. - "Using the Cursor to Implement the Object of an Object Oriented Database Management System on IBS's Application System/400"	1992
12	10	Shah, Hiren - "Evaluation of Filtering Mechanisms for Incomplete Databases"	1992
12	11	Spartz, Richard - "Speeding Up Back-Propagation Using Expected Source Values"	1992
12	12	Wahls, Tim - "A Formal (and Executable) Semantics for RT-SPECS"	1992
12	13	Wei, Dong - "Icon: An Interpreter-Based Approach"	1992
16	28	Ramachandran, Satish - "Design and Implementation of Front-ends for Multimedia Information Delivery Systems"	1992
12	24	Chopra, Gapan - "Analysis of Binary Radix Tree and its Comparison with B-Tree"	1993
12	15	Haque, Waqar - "Transaction Processing in Real-Time Database Systems"	1993
12	16	Janakiraman, Jayathi - "Adaptive Learning Rate for Increasing Learning Speed in Backpropagation Networks"	1993
12	17	Mitra, Soma - "A Non-Blocking Consensus-based Commit Protocol"	1993
12	18	Moharil, Vinay A. - "S ^{CH} EDIT: Real-Time Schedule Editor with Algorithm Animation"	1993

Box	Folder	Title	Dates
12	19	Parekh, Rajesh - "Efficient Learning of Regular Languages Using Teacher-Supplied Positive Samples and Learner-Generated Queries"	1993
12	20	Parikh, Mihir - "BATRUN-CONDOR"	1993
12	21	Rawat, Jai - "Static Analysis of Cache Performance for Real-Time Programming"	1993
12	22	Reynolds, Joseph - "A Literate, Executable, Denotational Semantics of Simple C++ Decelerations"	1993
12	23	Schmitz, Daniel C. - "Design and Implementation of National Engineering Education Delivery System (NEEDS)"	1993
12	24	Sheth, Divyesh - "A Simulator for an Efficient Storage Protocol for Distributed Object Oriented Database"	1993
12	25	Wang, Lu - "The Implementation of a Prototype for Persistent Objects and Data Sharing on the IBM AS/400"	1993
16	29	Lo, Hsiung-Hui - "Parallel Solution of Linear Sparse Systems"	1993
16	30	Marshall, William - "Remote Database Access in Distributed Systems"	1993
12	26	Athreya, Sunder B. - "Improving Accuracy of Linear Solvers Using Scaling or Iterative Refinement"	1994
12	27	Chen, Ke - "Single Criterion and Bicriteria Scheduling on Parallel Machines"	1994
12	28	Chu, Huan-Ching - "Supporting Relationships in the Persistent Object Support (POS) System"	1994
12	29	Dyer, Fenning - "The Creating and Implementation of Index Table System"	1994
12	30	Ganesan, Ravichandran - "Local Variable Allocation for Accurate Garbage Collection of C++"	1994
12	31	Guggilla, Satish Kumar - "Generational Garbage Collection for C++ Targeted to SPARC Architectures"	1994
12	32	Huang, Hsun-Hui - "Remote Multidatabase Access in a Distributed System"	1994
12	33	Khanolkar, Nimish - "A_POS: Design & Implementation"	1994
12	34	Kini, Sriram - "Synchronization in Distributed Hypermedia Systems"	1994

Box	Folder	Title	Dates
12	35	Lathrop, James I. - "Compression Depth and the Behavior of Cellular Automata"	1994
12	36	Magavi, Sunil - "Design and Implementation of Heterogeneous Distributed Database System Using Mosaic GSQL"	1994
12	37	Narasimhan, Kannan - "Code Generation Support for Accurate Garbage Collection of C++"	1994
13	1	Padakanti, Venu Madhav - "Parallel Computational Work Estimation"	1994
13	2	Ravoor, Suresh - "High Performance Transaction Processing in Distributed Systems"	1994
13	3	Rygg, Bernt I. - "Automated Tool for Worst-Case Execution Path Analysis"	1994
13	4	Satishkumar, S. - "Register Allocation for Accurate Garbage Collection of C++"	1994
13	5	Shah, Pinaki D. - "Transaction Management in Object-Oriented Data Base Systems"	1994
13	6	Tiemeyer, Matthew P. - "A Task Migration Algorithm for Heterogeneous Distributed Computing Systems"	1994
13	7	Trivedi, Raghav M. - "Design and Implementation of a Fault-Tolerant Distributed Mutual Exclusion Algorithm"	1994
13	8	Verma, Vishal - "A Parallel Implementation of a Quadrilateral Mesh Paving Algorithm"	1994
16	31	Yadav, Satyendra - "Performance Model of UNIX System"	1994
13	9	Allada, Radhika - "Protocol Design for Cost-Efficient Hardware-Assisted Real-Time Garbage Collection"	1995
13	10	Anderson, Susan M. - "Design and Implementation of an Intelligent Tutoring System"	1995
13	11	Bodla, Prakash Vera - "Design and Implementation of a Multimedia Information Management System"	1995
13	12	Cheung, Pui (Ivan) - "Iowa Campaign Finance Database: A Pilot Project"	1995
13	13	de los Reyes, Josephine C. - "A Tree-Based Dynamic Load Sharing Algorithm in a Distributed System"	1995

Box	Folder	Title	Dates
13	14	Dhurka, Bharat - "A Framework-Based Design for a User-Interface for Multimedia Database Access"	1995
13	15	Dixit, Ashish - "BATRUN Distributed Processing System (DPS)"	1995
13	16	Doobagunta, Kishore K. - "An Object-Oriented Framework for Synchronizing Multimedia Presentations"	1995
13	17	Egle, David M. - "Evaluating Larch/C++ as a Specification Language: A Case Study Using the Microsoft Foundation Class Library"	1995
13	18	Ghosh, Sudipto - "Executing Trait Specifications in the Larch Family of Languages"	1995
13	19	Gurski, Marybeth - "Abstract Testing of SPECS-C++ Classes"	1995
13	20	Jenkins, Steven L. - "Polymorphic Type-Checking in Scheme"	1995
13	21	Parthasarathy, Deepa S. - "Remote Access to Multimedia Databases: An Object Oriented Approach"	1995
13	22	Rao, Satish - "A Multimedia Presentation Toolkit for the World Wide Web"	1995
13	23	Srinivasan, Srivatsa - "A Multimedia Presentation Toolkit for a Distributed Hypermedia Environment"	1995
13	24	Subramaniam, Krishnan R. - "A Communication Library Using Active Messages to Improve Performance of PVM"	1995
13	25	Sumpter, E. Lynette (Kizer) - "Remote Access to Distributed Database System Using the World Wide Web Technology"	1995
13	26	Sureka, Jyoti - "Application of Range Queries on R-Trees Applied as an Indexing Mechanism for Multidimensional Databases"	1995
13	27	Tandiary, Fredy - "BATRUN Distributed Processing System"	1995
13	28	Vaidya, Niranjan - "An Adaptive Congestion Control Algorithm for ATM Networks"	1995
16	32	Chow, Pak-Kee - "Framework Model for Relational and Object-Oriented Database Systems"	1995
13	29	Beckman, Diane - "GeneriQuery: A GUI Font-End for the Object-Relational Interface"	1996

Box	Folder	Title	Dates
13	30	Bower, Juliana K. - "A Preprocessor for Ray-Tracing Methods"	1996
13	31	Chumanov, Irina - "Design and Implementation of a Medical Application Using World Wide Web Technology"	1996
13	32	Hosabettu, Pradeep - "Improving Reliability of the BATRUN Distributed Processing System"	1996
13	33	Hu, Qihong - "Modular Design and Implementation of Multidatabase System"	1996
13	34	Joshi, Rajesh - "Design and Implementation of Fault Tolerant Middleware: An Object-Oriented Approach"	1996
13	35	Konsella, Shane - "A System for Trie Compaction Using a Genetic Algorithm"	1996
13	36	Krishnapriyan, H.K. - "Problems of Polygon Containment and Motion"	1996
13	37	Kwok, Wai-Kei - "The Implementation of Major Communication Components in Zeus Multidatabase System Using Inter-Language Unification"	1996
13	38	Mukkamala, Himagiri K. - "Distributed Multimedia Databases: An Object-Oriented Approach"	1996
13	39	Mulupuru, Jayaram - "Automatic Fitting of HINT Curves"	1996
13	40	Peterson, Brian - "Translation Techniques for Embedded SPECS-C++ Assertions"	1996
13	41	Rajamani, Madhusudhanan - "A Pseudo Web Crawler with Web Search Interface"	1996
13	42	Subramanian, Mahesh - "Design and Implementation of a Java Enhanced WWW Browser Front-End for a Multidatabase System"	1996
13	43	Tong, Mei - "Frameworks for Distributed Multimedia Database Access: An Object-Oriented Approach"	1996
13	44	Wang, Yan-Zhe - "A Document Retrieval System: Query by Image Content and Text Keyword"	1996
13	45	Xu, Xi - "Multimedia Application Issues over Mobile Computer Network"	1996
14	1	Feng, Qisun - "The Implementation and Application of a Performance Tools Library"	1997

Box	Folder	Title	Dates
14	2	Goodman, Marcie M. - "A Compiler for SPECS-C++: A Model-Based Specification Language for C++ Classes"	1997
14	3	Guo, Wenzhang - "The Simulation of Concurrency Control in the Multidatabase Environment"	1997
14	4	Hu, Wen - "A Full-Text Information Retrieval System"	1997
14	5	Jiang, Tianyu - "Distributed Multi-Database Query System"	1997
14	6	Kamath, Daya - "Experimental Analysis of TCP/IP in the High Performance Parallel Computing Environment"	1997
14	7	Malla, Appaji - "Distributed Database Management System Using COBRA"	1997
14	8	Markland, Matthew W. - "Design and Implementation of the Larch/C++ Type System"	1997
14	9	Nayar, Rishi - "A Framework for a World Wide Web Based Data Mining System"	1997
14	10	Pai, Prashant D. - "Personalized Information Retrieval System Using Mobile Agents"	1997
14	11	Pillar, John C. - "Performance Enhancement Using Image Buffer Caching for Graphical Visualization Applications"	1997
14	12	Ramaiah, Naveen - "Java Based Distributed Database Access Using HORB"	1997
14	13	Sharma, Prashanth - "Integrating Distributed Relational and Object-Oriented Databases"	1997
14	14	Vangati, Mahender R. - "Personalized Agent for Viewing World Wide Web Documents"	1997
14	15	Wang, D. - "Information Retrieval with Mobile Agents"	1997
14	16	Wurpts, Malachi - "Virtual Enterprise Office: A Virtual Interface for Relational Databases"	1997
14	17	Yi, Bing - "Two Techniques in Sequential Logic Synthesis"	1997
14	18	Zhang, Fan - "Data Warehouse"	1997
14	19	Zhang, Sen - "Object Transaction Service in COBRA"	1997
14	20	Zheng, Fan - "Design and Implementation of Data Warehouse"	1997

Box	Folder	Title	Dates
14	21	Zheng, Li - "System and Implementation of Multi-Database Schema Integration"	1997
14	22	Zhong, Hua - "LSL Traits for Using Z with Larch"	1997
16	33	Dai, Lanqing - "Design and Implementation of an Intelligent Agent System"	1997
16	34	Kalla, Malleswar - "Achieving Non-Reputability of Web Based Transactions"	1997
16	35	Zhou, Feng - "An Implementation of a Object-Oriented View System"	1997
14	23	Antropova, Olga - "ACL Programming Language: Eliminating Parameter Aliases with Dynamic Dispatch"	1998
14	24	Balakrishnan, Sandhya - "Parallelization Agent: A Connective, Comparative, Verificative Report and Implementation"	1998
14	25	Chen, Jianbing - "Dynamic Semantics and Type-Checking of Tuple"	1998
14	26	Dandu, Ravikumar Varma - "Integration of a View System with a Data Warehouse"	1998
14	27	Gray, John - "Distributed Java Object-Oriented Operating System"	1998
14	28	Havaladar, Raghunandan - "Jamba: A Secure Framework for Communication Among Distributed Components"	1998
14	29	Helmer, Guy Gary - "Intelligent Agents for Intrusion Detection"	1998
14	30	Hou, Zhenglin - "An Efficient Algorithm for Conformational Search of Molecules Containing Five-Membered Rings"	1998
14	31	Jin, Denghui - "Mobile Computing System Simulation"	1998
14	32	Karakoy, Sevtap Otlis - "Evaluating the Expressiveness of a Multi-Method Object-Oriented Programming Language"	1998
14	33	Li, Zhihua - "Organizational Memory"	1998
14	34	Luecke, Glenn & Hsu, Jen-Yao - "Comparing HPF Compilers for Selected Communication Kernels on the Cray T3E-600 and IBM SP"	1998
14	35	Naganathan, Venkatraman - "SMART Scalable Mobile And Reliable Technology"	1998

Box	Folder	Title	Dates
14	36	Shen, Jinmei - "Online Java Based Multi-Database Management Systems with Data Mining Analysis Tools"	1998
14	37	Sokolova, Marina - "On-Line Java Based Animated Tutorial on Selected Compiler Architecture Topics"	1998
14	38	Stevens, Dean - "Design and Implementation of the Mobile Agent Facility Specifications"	1998
14	39	Venuturimilli, Krishna - "A Software System for Distributed Transaction Processing Using OTS"	1998
14	40	Wang, Hao - "Parallel Implementations of the Shelterbelt Turbulent Flow Model"	1998
14	41	Yu, Win - "Data Warehouse Query System with Mobile Agents"	1998
14	42	Zhang, Wei - "A Prototype of Language Specification-Based View System"	1998
16	36	Kelly, Matt - "An Introduction to Blob World"	1998
14	43	Bollineni, Pradeep - "A New State Based Approach to Learning Program Behavior for Intrusion Detection"	1999
14	44	Ganapathy, Anand - "Design and Implementation of a JML Type Checker"	1999
14	45	Gupta, Nitin K. - "Parallel I/O: A Special Issue in Distributed and Parallel Computing"	1999
14	46	Hira, Baldeep - "Parallel I/O for Clusters"	1999
14	47	Hollermann, Lisa - "Usability Testing of Web Academy Messaging System"	1999
14	48	Huang, Thai & Tin, Ricky - "Extended Biological Database"	1999
14	49	Jain, Kapil - "A Software Infrastructure for Building Intrusion Detection and Confinement Systems"	1999
14	50	Kommareddy, Manjula - "Non-Blocking Distributed Transaction Processing System"	1999
14	51	Lamba, Amit H. - "Rule Based Intrusion Detection System"	1999
14	52	Lu, Ying - "An Object-Oriented Data Warehouse Based on the POET JAVA DBMS"	1999
15	1	Madaka, Subhasri - "Anomalous Intrusion Detection System for Hostile Java Applets"	1999

Box	Folder	Title	Dates
15	2	Mehta, Kautul - "Application of Visual Cryptography in Electronic Commerce"	1999
15	3	Panchapagesan, Seshagiri - "Automated Configuration, Maintenance & Performance Enhancement of Web Services Using Jini"	1999
15	4	Polavarapu, Srinivas - "Smart Mobile Agent Facility"	1999
15	5	Sahita, Ravi - "Intrusion Detection System Using Dynamic Object Oriented Database Technology"	1999
16	39	Sharma, Praveen - "Parallel Computation of Cellular Automata on a Distributed Heterogeneous Network"	1999
15	6	Su, Yang - "Design & Implementation of an Electronic Commerce System"	1999
15	7	Tavisala, Venu-Gopal R. - "Fusion of Distributed Information Using Mobile Agents"	1999
15	8	Vanga, Subhash - "Neural Network Construction for Distributed Datasets"	1999
15	9	Xing, Hao - "New Paragent: Diagnostic & Code Generations"	1999
15	10	Zhou, Yeping - "Data Warehouse"	1999
15	11	Zhu, Shaobin - "Object-Oriented Data Warehouse Consistency"	1999
16	37	Gan, Guoliang - "Design and Implementation of an Equipment Database System for Factory CAD"	1999
15	12	Bhorkar, Abhay - "A Runtime Assertion Checker for Java Using JML"	2000
15	13	Gaddam, Nishikanth Reddy - "Fault Tolerance in Dynamic Server Load Balancing"	2000
15	14	Grunke, Todd - "A Messaging Tool Designed for Use in an Instructional Environment"	2000
15	15	Khan, Gazala - "Virtual Interface Architecture: A Low-Latency Communication Standard for Cluster Computing"	2000
15	16	Kondapi, Srikanth - "A New Design for Distribution of Web Services"	2000
15	17	Kuppireddy, Chaitanya - "Security Internet Applications Through Proxy Technology"	2000
15	18	Li, Jun - "A Mediator Support System"	2000

Box	Folder	Title	Dates
15	19	Li, Wenlu - "Content-Based Web Site Characterization and its Implications"	2000
15	20	Li, Ying - "Evaluating the Performance of High Performance Fortran Compilers on a NEC Cenju-4, a Cray T3E, an IBM SP and an SGI Origin 2000"	2000
15	21	Lin, Sa - "Integrating Data Using Ontology and SSM Fragments"	2000
15	22	Liu, Wei-Hua - "Scalability and Performance of OpenMP and MPI on a 128-Processor SGI Origin 2000"	2000
15	23	Liu, Ran - "Metadata Generation and a Mediator Support System"	2000
15	24	Liu, Shaohua - "Bridging-Immersive Application Development with The World Wide Web"	2000
15	25	Lu, Xuemei - "A Support System for Mediators"	2000
15	26	Mahmood, Shaukat - "Multi-objective Optimization for a Product Mix Problem"	2000
15	27	Mullapudi, Sridhar - "Security in SMART Mobile Agent Facility"	2000
15	28	Poruri, Prasad - "Server Load Balancing Techniques"	2000
15	29	Pruski, Beata - "Design and Implementation of Authentication Systems in Distributed Computing Environment"	2000
15	30	Rangaswamy, Ravikumar - "Distributed Document Retrieval for Identifying Emergencies"	2000
15	31	Sekaran, Dhigna D. - "Distributed Land System: A New Approach to Modernized Land Records"	2000
15	32	Sunil, Chintakindi - "RTP Multicast as Transport Mechanism for Collaborative Objects"	2000
15	33	Tiyyagura, Asok - "Mining Association Rules Based on Mutual Information"	2000
15	34	Uppuluri, Prem - "Synthesizing Fast Pattern Matching Algorithms for Intrusion Detection/Prevention"	2000
15	35	Vasiliu, Bogdan - "Performance Characterization of Automatically Optimized Basic Linear Algebra Subprograms"	2000
15	36	Yan, Wei - "3 D CT Data Visualization"	2000

Box	Folder	Title	Dates
15	37	Yang, Nanchang - "An Agricultural Data Warehouse"	2000
15	38	Yerragudi, Aruna B. - "Hybrid Model of Intrusion Detection"	2000
15	39	Yuan Jing - "Performance and Scalability of the MPI and SHMEM Collective Routines"	2000
15	40	Zhu, Kai - "Data Warehouse Support for Intrusion Detection"	2000
15	41	Behera, Smruti Ranjan - "Towards the Automatic Generation of Mobile Agents for Intrusion Detection System"	2001
15	42	Chen, Hua - "MPI-CHECK: A Tool for Checking Fortran 90 MPI Programs"	2001
15	43	Chen, Xijian - "Network Programming Support for Wireless Applications"	2001
15	44	Codambakkam, Praveen - "Performance Monitoring Support in the Linux Kernel"	2001
15	45	Devarashetty, Surendra - "Integrating Firewall Technology with a Collaborative Application"	2001
15	46	Dong, Xinhua - "Protein Classification Using Decision Tree and Genetic Algorithms"	2001
16	1	Govindaswamy, Murali - "Desktop Sharing System Using a Session Transport Protocol for Collaborative Objects"	2001
16	2	Han, Peng - "Prediction of Protein Secondary Structure by a Neutral Network Approach"	2001
16	3	Kudumula, Ratnakar Reddy - "Integrated Shopping Technology for World Wide Web"	2001
16	4	Li, Wanggui - "Building Intrusion Detection Model Using Feature Construction"	2001
16	5	Liu, Chang - "Collaborative Virtual Environment on WWW"	2001
16	6	Liu, Fengmei - "Flexible Web-Based Biological Data Extraction"	2001
16	7	Liu, Ying - "Mobile Agent Based Cooperative Caching Proxy System"	2001
16	8	Luo, Xiaorong - "A Data Reduction Technique for Intrusion Detection Using Decision Tree"	2001

Box	Folder	Title	Dates
16	9	Parikh, Sangeeta - "A Framework of System Integrator for MAIDS"	2001
16	10	Slagell, Mark - "The Design and Implementation of MAIDS (Mobile Agents for Intrusion Detection System)"	2001
16	11	Suribhatla, Ramesh - "An Object-Relational Data Warehouse (Using Java and Oracle)"	2001
16	12	Vartak, Mayuresh R. - "A Storage Structure and Query Optimizer Framework for Temporal Databases"	2001
16	13	Wang, Dake - "Data-Driven Generation of Decision Trees for Motif-Based Assignment of Protein Sequences to Functional Families"	2001
16	14	Wu, Yongwen - "Automatic Test Case Generator-A Review, Design, and Proof-of-Concept Implementation"	2001
16	15	Xu, Jian - "Using Entity and Function Ontologisms to Integrate Database Systems"	2001
16	16	Zhang, Xin - "Automatic White-box Test Case Generator: A Proof-of-Concept Implementation of the Iterative Relaxation Method"	2001
16	17	Arns, Laura Lynn - "A New Taxonomy for Locomotion in Virtual Environments"	2002
16	18	Verma, Vijay - "Comparative Evaluation and Study of Distributed Computing Paradigms: Java vs. .Net"	2002
16	19	Zhang, Jun - "A Comparison of One and Two Tier B+-Tree Inverted Files in Document Retrieval"	2002
16	20	Simov, Borislav H. - "Algorithms for Security in Robotics and Networks"	2003
16	38	Sheng, Qu - "An Infrastructure for Delivering Geospatial Data For Field Users"	2003
16	21	Byrappagari, Anand Kishore - "High Performance Distributed Transaction Processing"	undated