

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

UNIFIED PATENTS, LLC,
Petitioner,

v.

OZMO LICENSING LLC,
Patent Owner.

Case No. IPR2023-00193
U.S. Patent No. 9,264,991

DECLARATION OF MARY K. BOLIN, PH.D.

I, Mary K. Bolin, declare as follows:

1. I am Emeritus Professor at the University of Nebraska, Lincoln Libraries. I have held the following positions: Professor and Catalog and Metadata Librarian, Digital Initiatives and Special Collections Department, University of Nebraska, Lincoln Libraries (2015-2020); Professor and Chair, Discovery and Resource Management and Coordinator of Collection Development, University of Nebraska, Lincoln Libraries (2004-2015); Lecturer, San José State University School of Information (2008-present); Head of the Technical Services Department, University of Idaho Library (1993-2003; promoted to Professor in 1999); Head of the Cataloging Department, University of Idaho Library (1986-1993; promoted to Associate Professor and tenured in 1991); Head of Records Maintenance Section, Cataloging Department, University of Georgia Libraries (1981-1986).

2. Over the course of my work as a librarian, professor, researcher, student research supervisor, and author of numerous scholarly papers and other publications, I have had extensive experience with cataloging records and online library management systems built around Machine-Readable Cataloging (MARC) standards. I also have substantial experience in authenticating printed documents and establishing the date when they were accessible to ordinarily skilled researchers.

3. Exhibit A is my full resume.

4. I have been retained by Hamilton, Brook, Smith, & Reynolds P.C. to determine the authenticity and dates of public availability of certain documents in the *inter partes* review (IPR) proceedings of U.S. Patent 9,264,991. For this service, I am being paid my usual hourly fee of \$200 per hour, plus actual expenses. My compensation is not dependent in any way upon the outcome of the IPR proceedings of the patent.

I. DOCUMENTS OF INTEREST

5. The documents that are the subject of this declaration are the following:

6. Document 1. Gast, Matthew. 802.11 wireless networks : the definitive guide. 1st ed. Boston, MA : ProQuest Information and Learning Co., 2002.

7. Document 2. Rao, A., & Stoica, I. (2004, April). An overlay MAC layer for 802.11 networks. Report No.UCB/CSD-4-1317, April 2004, Computer Science Division (EECS) University of California Berkeley, California 94720

II. AUTHENTICATION OF DOCUMENT 1

8. There is a MARC record for Document 1 in OCLC with a creation date of June 2, 2003.

9. Exhibit B is a PDF of the MARC record for Document 1 from OCLC showing the “entered” (created) date of June 2, 2003.

III. PUBLIC AVAILABILITY OF DOCUMENT 1

10. Based on the fact that there is a MARC record in OCLC for Document 1 that was created on June 2, 2003, it is my opinion that Document 1 was available no later than June 2003 and could have been found by a skilled researcher.

IV. AUTHENTICATION OF DOCUMENT 2

11. Document 2 is found at

<https://www2.eecs.berkeley.edu/Pubs/TechRpts/2004/CSD-04-1317.pdf> . This is the website of the UC Berkeley Computer Science Department and Document 2 is a Technical Report issued by that department with a publication date of April 2004. The PDF properties for the full text of Document 2 show a creation date of March 30, 2005.

12. Exhibit C is a screenshot of the PDF properties for Document 2 from PDF found at <https://www2.eecs.berkeley.edu/Pubs/TechRpts/2004/CSD-04-1317.pdf>

13. Exhibit D is a PDF of the search results from UC Berkeley Computer Science Technical Reports published in 2004, found at <https://www2.eecs.berkeley.edu/Pubs/TechRpts/2004/> . Document 2 is found in this list.

V. PUBLIC AVAILABILITY OF DOCUMENT 2

14. Based on the fact that a PDF of the full text of Document 2 is found at

<https://www2.eecs.berkeley.edu/Pubs/TechRpts/2004/CSD-04-1317.pdf> with a publication date of April 2004 and PDF creation date of March 30, 2005 it is my opinion that Document 2 was available in March 2005 and could have been found by a skilled researcher.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like are punishable by fine, imprisonment, or both, under Section 1001 of Title 18 of the U.S. Code.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

Executed on September 26, 2023

A handwritten signature in cursive script, reading "Mary K. Bolin", is written over a horizontal line.

Mary K. Bolin, Ph.D.

EXHIBIT A

Mary K. Bolin, PhD
2433 U Street
Lincoln, Nebraska 68503
mary@marykbolin.com

Mary K. Bolin, PhD

Professor Emeritus
University Libraries
University of Nebraska—Lincoln
mbolin2@unl.edu

Lecturer,
School of Information
San José State University
mary.bolin@sjsu.edu

EDUCATION

PhD, Educational Studies (Educational Leadership and Higher Education), 2007, University of Nebraska

Dissertation: *A Typology and Discourse Analysis of the Status and Appointments of Librarians at Land Grant Universities* (available at digitalcommons.unl.edu)

MA, English, 1999, University of Idaho

Thesis: *Grace: A Contrastive Analysis of a Biblical Semantic Field* (available at digitalcommons.unl.edu)

MSLS, 1981, University of Kentucky

BA, Linguistics, 1976, University of Nebraska—Lincoln

WORK EXPERIENCE

Center for Digital Research in the Humanities. Fellow, 2019- Emeritus, 2020-

University of Nebraska--Lincoln Libraries: Professor and Catalog and Metadata Librarian, Digital Initiatives and Special Collections, 2015-2020. Emeritus, 2020-

University of Nebraska—Lincoln Libraries: Professor and Chair, Discovery and Resource Management, 2004-2015; Coordinator of Collection Development, 2012-2015

University of Idaho Library: Head, Technical Services Department, 1993-2003. Promoted to Professor in 1999

University of Idaho Library: Head, Cataloging Department, 1986-1993. Promoted to Associate Professor and tenured, 1991

University of Georgia Libraries: Head, Records Maintenance Section, Cataloging Department, 1981-1986

Teaching:

San José State University School of Information:

LIBR 281, Metadata. 2009-

LIBR 248, Introduction to Cataloging and Classification. 2013-

LIBR 202, Information Retrieval. 2008-2013

Associate Coordinator, Gateway PhD program, San Jose State University, 2021-2022

American Library Association

Cataloging for Non-Catalogers, Online Continuing Education Course, 2017-

Intermediate Cataloging for Non-Catalogers, Online Continuing Education Course, 2018-

Lyrasis

Webinar on BibFrame, taught twice a year, 2020-

Quick and Clean Cataloging, Parts 1, 2, and 3. 2022-

Independent Study in Idaho

Library Science C415, Technical Services for Small Libraries, 2004-2013

Library Science C416, Library Services to Rural Libraries, 2004-2013

Library Science C422, Use of the School Library, 1999-2013

Library Science C425/525, Organization and Management of Small Libraries,
1988-2013

Library Science C427, Library or Media Center Practicum, 1995-2013

Gateway PhD Program (San Jose State University and Queensland University of Technology).
SJSU supervisor for two PhD students, 2015-

Gateway PhD Program (San Jose State University and Manchester Metropolitan University).
Associate Coordinator, 2021-2022

Consulting

Expert witness for multiple attorneys employed by Wolf, Greenfield & Sacks, P.C.,
Hughes Hubbard & Reed LLP, and other firms. 2017-

Editing

Language and academic editing for [EditSprings](#), a service for international scholars, 2020-

SCHOLARSHIP

Refereed Publications:

(Publications available from [digitalcommons.unl.edu](#))

Pytlík Zillig, Brian, and Mary K. Bolin. (Forthcoming 2023). “Visualization of Semantic Primes in Texts from Early Modern English Drama.” *Journal of the Japanese Association for the Digital Humanities*.

Bolin, Mary K. (2022). *Refocusing Academic Libraries through Learning and Discourse: The Idea of a Library*. Chandos/Elsevier.

Bolin, Mary K. (2022). “Academic Libraries and Writing Centers: Collaborations at US Public Research Universities.” *School of Information Student Research Journal*, 11(2). Retrieved from <https://scholarworks.sjsu.edu/ischoolsrj/vol11/iss2/2>

Bolin, Mary K. (2022). *Refocusing Academic Libraries through Learning and Discourse: The Idea of a Library*. Oxford, UK: Chandos/Elsevier.

Bolin, Mary K. (2022). "Metadata, Catalog Systems, Linked Data, and the Evolving ILS." In: Sandra Hirsh (Ed.), *Information Services Today: An Introduction*. 3rd ed. New York: Rowman and Littlefield.

Wintermute, Harriet E., and Bolin, Mary K. (2018). "Metadata Generators for Backlog Reduction: Metadata Maker Streamlines Cataloging and Facilitates Transition. *Technical Services Quarterly* 35(2) doi: <https://doi.org/10.1080/07317131.2018.1422879>

Bolin, Mary K. (2018). "Metadata, Catalog Systems, Linked Data, and the Evolving ILS." In: Sandra Hirsh (Ed.), *Information Services Today: An Introduction*. 2nd ed. New York: Rowman and Littlefield.

Bolin Mary K. (2017). *The 21-century Academic Library: Global Patterns of Organization and Discourse*. Oxford: Chandos Publishing. (Chandos Information Professional Series)

Bolin, Mary K. (2017). Linguistics and LIS: A Research Agenda." *SLIS Student Research Journal*, 7:1.

Retrieved from <http://scholarworks.sjsu.edu/slissrj/vol7/iss1/2>

Bolin, Mary K. (2014). "Open Access Web Resources for Library Continuing Education and Training." In S. Hines (Ed.), *Revolutionizing the Development of Library and Information Professionals: Planning for the Future* (pp. 107- 124). Hershey, PA: . doi:10.4018/978-1-4666-4675-9.ch008.

Bolin, Mary K. (2014). "The Language of Academic Librarianship: The Discourse of Promotion and Tenure." *Advances in Library Administration and Organization* 32.

Bolin, Mary K. "Librarian Status at US Research Universities: Extending the Typology." *Journal of Academic Librarianship* 34:4 (September 2008)

Bolin, Mary K. "A Typology of Librarian Status at Land Grant Universities." *Journal of Academic Librarianship*, 34: 3 (May 2008)220:230.

Bolin, Mary K. "The Library and the Computer Center: Organizational Patterns at Land Grant Universities." *Journal of Academic Librarianship*, 31:1 (2005)

Eckwright, Gail Z. and Mary K. Bolin. "The Hybrid Librarian: The Affinity of Collection Management with Technical Services and the Organizational Benefits of an Individualized Assignment." *Journal of Academic Librarianship*, 27:6 (2001)452:457.

Bolin, Mary K. "Catalog Design, Catalog Maintenance, Catalog Governance," *Library Collections, Acquisitions, and Technical Services*. 24: (2000)53-63.

Bolin, Mary K. "The Collegial Environment and the Functional Organization," *Journal of Library Administration*. 29:2(1999):49-61.

Bolin, Mary K. "Cataloging Environmental Impact Statements and Related Documents," *Resource Sharing and Library Networks*. 14:1(1999): 21-40.

Bolin, Mary K. "Waiting for the Electrician or Someone like Him: Client-Centered Technical Services" Proceedings of the Association of College and Research Libraries National Conference, Nashville, April 1997.

< http://www.ala.org/Content/ContentGroups/ACRL1/Nashville_1997_Papers/Bolin.htm >

Grants:

Electronic Theses and Dissertations. Seed Grant from University of Idaho Office of Research, 2002. Co PI with Gail Z. Eckwright. \$6500.

Interoperability of Metadata for Thematic Research Collections. Grant to the Center for Digital Research in the Humanities from the Institute of Museum and Library Services 2005-2008. Project Team Member.

http://unlcms.unl.edu/cas/center-for-digital-research-in-the-humanities/projects/pages/iom_files/IOM_Final_Narrative_Report_July_2008.pdf

Other Publications:

Library Philosophy & Practice. Peer-reviewed electronic library science journal. Mary K. Bolin and Gail Z. Eckwright, founders and editors. <http://digitalcommons.unl.edu/libphilprac>

Library Science C415, Technical Services for Small Libraries, through Independent Study in Idaho. 2004.

Library Science C416, Library Services to Rural Libraries, through Independent Study in Idaho. 2004.

Library Science C422, Use of the School Library, through Independent Study in Idaho. Revised 1999.

Library Science C425/525, Organization and Management of Small Libraries through Independent Study in Idaho. Revised 2005.

Library Science C427, Library or Media Center Practicum, Independent Study in Idaho. Revised 1999.

Presentations:

Bolin, Mary K. "BibFrame and the MARC Cataloging Environment: an Introduction." Lyrisis Webinar, June 16, 2020, August 17, 2021.. Recording available <http://lyrisis.adobeconnect.com/paifo9e0dm30/>

Pytlik Zillig, Brian, and Mary K. Bolin. "A Little More than Kin, a Little Less than Kind": the Semantic Field Grace in Early Modern English" Poster Session, Text Encoding Initiative Meeting, Graz, Austria, September 18, 2019

Pytlik Zillig, Brian, and Mary K. Bolin. "Shakespeare and the Enumeration of Semantic Primes." Research Paper Presentation, Text Encoding Initiative Meeting, Tokyo, Japan, September 13, 2018

"Library Philosophy and Practice: Creating and Maintaining an Open-Access E-Journal," Presentation to UNCL meeting (libraries at campuses of the University of Nebraska), Lincoln, Nebraska, March 20, 2008.

Presentation to "Thinking outside the Borders" participants on the open-access electronic journal Library Philosophy and Practice and its role in the international library community. University of Nebraska—Lincoln Libraries, October 24, 2007

Panel discussion on open access electronic journals. GWLA directors' meeting. Linda K. Hall Library, Kansas City, Missouri. April 2007.

"Waiting for the Electrician or Someone Like Him: Client-Centered Technical Services." Association of College and Research Libraries National Conference, Nashville, April 5, 1997.

" 'Some Problems of an Editor': the Idaho Librarian from Manuscript to Published Issue," Joint Annual Conference of the Idaho Library Association and the Washington Library Association, Spokane, Washington, April 6, 1995.

"Automating Idaho's Libraries: a Historical Perspective." Idaho Library Association Annual Conference, Idaho Falls, October 4, 1990.

"Small Library Management." Idaho Library Association Spring Conference, Lewiston, Idaho, May 13, 1989.

"No More 'Good Workers': Excellence and Academic Library Classified Staff." Association of College and Research Libraries 5th Annual Conference, Cincinnati, April 7, 1989.

"Communication to and from Cataloging Departments." Heads of Cataloging Discussion Group, American Library Association Midwinter Meeting, San Antonio, January 1988.

Discussion Leader at the LAMA (Library Administration and Management) Management Exchange. American Library Association Annual Meeting, San Francisco, June 1987.

"Staff Turnover." Heads of Cataloging Discussion Group, American Library Association Midwinter Meeting, Chicago, January 1987.

SELECTED PROFESSIONAL SERVICE

Reviewer. *Resources for College Libraries*. Linguistics bibliography, Spring 2020.

Peer reviewer for ALISE National Conference presentations, Spring 2020.

Peer reviewer for *Journal of Academic Librarianship*, 2012-

Peer reviewer for refereed journal, *Western Nigerian Journal of Medical Sciences* (<http://www.wnjms.org/>), a publication of Ladoke Akintola University of Technology (LAUTECH) Teaching Hospital, 2008-

PhD Reviewer for students from Aligarh Muslim University, India, 2010-

Outside reviewer for numerous library faculty promotion and tenure cases in US universities.

University of Nebraska--Lincoln

Chair, University Libraries Faculty, 2018

Faculty Senate Academic Rights and Responsibilities Committee, 2016- Chair, 2018-19

Faculty Senate – 2004-2008; 2008-2011

Faculty Senate Executive Committee 2004-2008

Academic Planning Committee (APC), 2005-2008; Vice Chair, 2006-2007; Chair, 2007-2008

Aesthetic Review Committee 2006-2007

APC monitor for academic program reviews: Department of Political Science, 2005;
Department of Educational Psychology 2006
Pacific Northwest Library Association:

Editor, *PNLA Quarterly*, December 2002-December 2013

Idaho Library Association:

Editor, *The Idaho Librarian*, September 1990-January 1996

EXHIBIT B

WorldCat: 802.11 wireless networks

OCLC		729549053		No holdings in LDL - 3 other holdings											
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020 [#z](#) 0596001835

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090

049 LDLL

100 1_ Gast, Matthew.

245 10 802.11 wireless networks : [#b](#) the definitive guide / [#c](#) Matthew S. Gast.

246 30 Wireless networks

246 3_ Eight hundred and two point one one wireless networks

250 1st ed.

260 Boston, MA : [#b](#) ProQuest Information and Learning Co., [#c](#) 2002.

300 1 online resource

336 text [#b](#) txt [#2](#) rdacontent

337 computer [#b](#) c [#2](#) rdamedia

338 online resource [#b](#) cr [#2](#) rdacarrier

490 1_ Safari electronic books

500 "From: ProQuest"--Title screen.

500 Title from title screen.

504 Includes bibliographical references and index.

516 Text (electronic book).

538 Mode of access: World Wide Web.

538 System requirements: Internet access, World Wide Web browser.

580 Full text in: Safari tech books online.

530 Available also in a print edition.

533 Electronic reproduction. [#b](#) Boston, MA : [#c](#) Safari, [#d](#) 2002. [#n](#) Available via World Wide Web.

650 _0 Local area networks (Computer networks).

650 _0 Wireless communication systems.

650 _2 Local Area Networks [#0](#) (DNLM)D008122

650 _6 Réseaux locaux (Informatique) [#0](#) (CaQQLa)201-0136535

650 _6 Transmission sans fil. [#0](#) (CaQQLa)201-0253107

650 _7 LANs (networks) [#2](#) aat [#0](#) (CStmoGRI)aat300266025

650 _7 Local area networks (Computer networks) [#2](#) fast [#0](#) (OCoLC)fst01001200

650 _7 Wireless communication systems [#2](#) fast [#0](#) (OCoLC)fst01176209

710 2_ ProQuest Information and Learning Company.

710 2_ Safari Tech Books Online.

773 0_ [#t](#) Safari tech books online.

776 1_ [#c](#) Original [#w](#) (DLC) 52349643

776 0_ Gast, Matthew. [#t](#) 802.11 wireless networks. [#d](#) Sebastopol, Calif. : O'Reilly, ©2002. [#h](#) xvii, 443 p. : ill. ; 23 cm. [#z](#) 0596001835

830 _0 Safari electronic books.

OZMO Ex. 2010, Page 17

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856 4_ [fu http://proquest.safaribooksonline.com/?uiCode=uariz&xmlId=0596001835](http://proquest.safaribooksonline.com/?uiCode=uariz&xmlId=0596001835) [fz](#) Connect to this resource online

856 4_ [fu http://proxy.library.carleton.ca/login?url=http://proquest.safaribooksonline.com/?uiCode=carleton&xmlId=0596001835](http://proxy.library.carleton.ca/login?url=http://proquest.safaribooksonline.com/?uiCode=carleton&xmlId=0596001835) [fz](#) Safari (Access restricted to 5 simultaneous users)

Action Status	Delete Holdings _	Export _	Label _	Produce _	Update Holdings _	Validate _
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EXHIBIT C

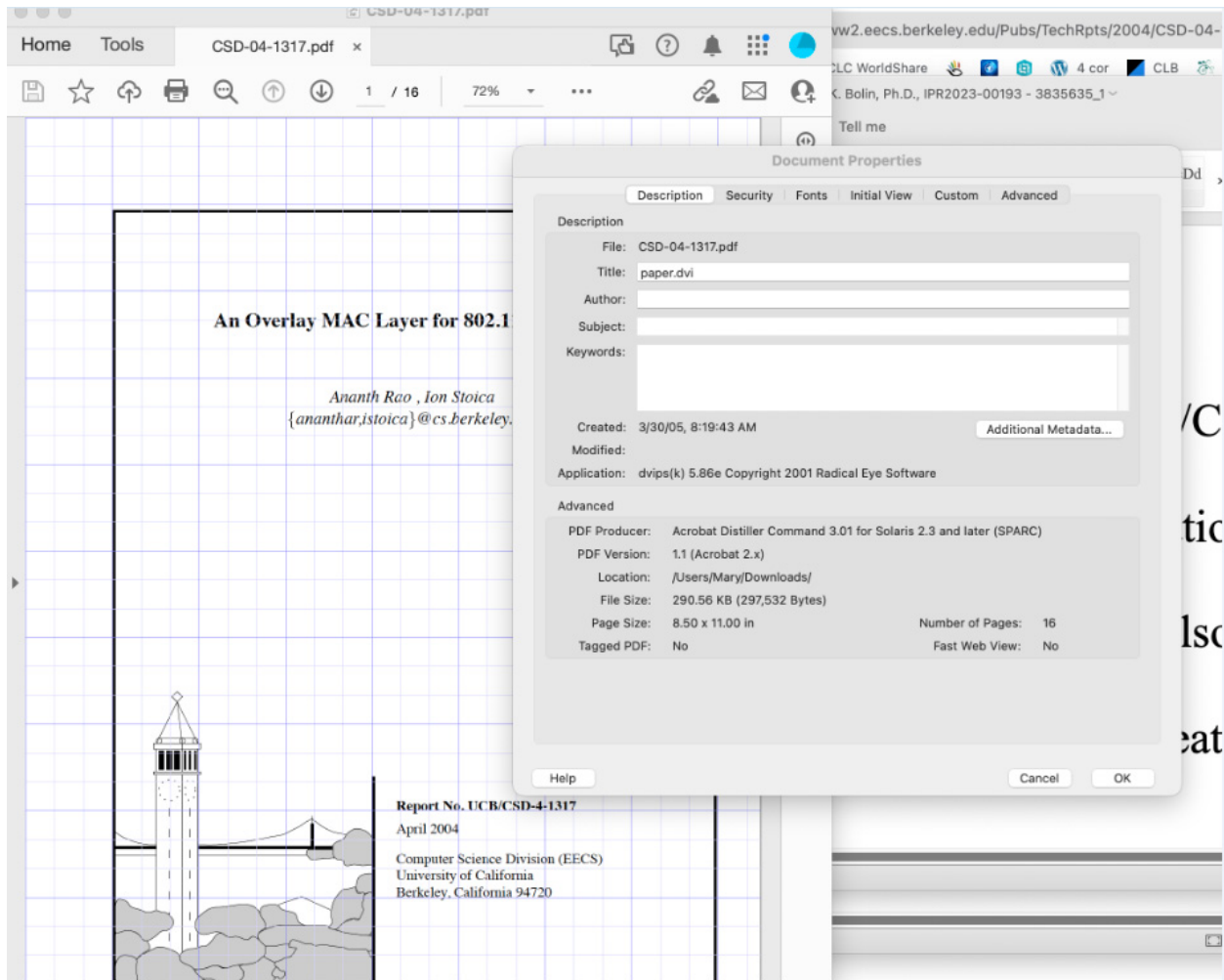


EXHIBIT D

[Home \(https://eecs.berkeley.edu/\)](https://eecs.berkeley.edu/) / [Research \(https://eecs.berkeley.edu/research\)](https://eecs.berkeley.edu/research)
/ [Technical Reports \(https://www2.eecs.berkeley.edu/Pubs/TechRpts\)](https://www2.eecs.berkeley.edu/Pubs/TechRpts) / 2004

Technical Reports - 2004

[Building a Source-to-Source UPC-to-C Translator \(/Pubs/TechRpts/2004/6205.html\)](/Pubs/TechRpts/2004/6205.html) (CSD-04-1369)
Wei-Yu Chen

[Visual Programming Languages: a Survey \(/Pubs/TechRpts/2004/6201.html\)](/Pubs/TechRpts/2004/6201.html) (CSD-04-1368)
Marat Boshernitsan and Michael S. Downes

[LAPACK Working Note 163: How the MRRR Algorithm Can Fail on Tight Eigenvalue Clusters \(/Pubs/TechRpts/2004/6206.html\)](/Pubs/TechRpts/2004/6206.html) (CSD-04-1367)
Beresford N. Parlett and Christof Voemel

[Shape Matching and Object Recognition using Low Distortion Correspondences \(/Pubs/TechRpts/2004/6200.html\)](/Pubs/TechRpts/2004/6200.html) (CSD-04-1366)
Alexander Berg, Tamara L. Berg and Jitendra Malik

[Two-player Nonzero-sum omega-regular Games \(/Pubs/TechRpts/2004/5331.html\)](/Pubs/TechRpts/2004/5331.html) (CSD-04-1364)
Krishnendu Chatterjee

[Side Effects Are Not Sufficient to Authenticate Software \(/Pubs/TechRpts/2004/6207.html\)](/Pubs/TechRpts/2004/6207.html) (CSD-04-1363)
Umesh Shankar, Monica Chew and J. D. Tygar

[Strike a Pose: Tracking People by Finding Stylized Poses \(/Pubs/TechRpts/2004/5725.html\)](/Pubs/TechRpts/2004/5725.html) (CSD-04-1362)
Deva Ramanan, David A. Forsyth and Andrew Zisserman

[Detecting, Localizing, and Recovering Kinematics of Textured Animals \(/Pubs/TechRpts/2004/5724.html\)](/Pubs/TechRpts/2004/5724.html) (CSD-04-1361)
Deva Ramanan, David A. Forsyth and Kobus Barnard

[Distributed Schedule Carrying Code \(/Pubs/TechRpts/2004/6506.html\)](/Pubs/TechRpts/2004/6506.html) (CSD-04-1360)
Thomas A. Henzinger, Christoph M. Kirsch and Slobodan Matic

[Cooperative Containment of Fast Scanning Worms \(/Pubs/TechRpts/2004/5726.html\)](/Pubs/TechRpts/2004/5726.html) (CSD-04-1359)
Jayanth Kumar Kannan, Lakshminarayanan Subramanian, Ion Stoica, Scott Shenker and Randy Katz

[Reliable Broadcast in Unknown Fixed-Identity Networks \(/Pubs/TechRpts/2004/6505.html\)](/Pubs/TechRpts/2004/6505.html) (CSD-04-1358)
Lakshminarayanan Subramanian, Randy H. Katz, Volker Roth, Scott Shenker and Ion Stoica

[HLP: A Next Generation Inter-domain Routing Protocol \(/Pubs/TechRpts/2004/6504.html\)](/Pubs/TechRpts/2004/6504.html) (CSD-04-1357)
Lakshminarayanan Subramanian, Matthew Caesar, Cheng Tien Ee, Mark Handley, Morley Mao, Scott Shenker and Ion Stoica

[The Case for an Internet Health Monitoring System \(/Pubs/TechRpts/2004/6503.html\)](/Pubs/TechRpts/2004/6503.html) (CSD-04-1356)
Matthew Caesar, Lakshminarayanan Subramanian and Randy H. Katz

[The Complexity of Stochastic Rabin and Streett Games \(/Pubs/TechRpts/2004/5723.html\)](/Pubs/TechRpts/2004/5723.html) (CSD-04-1355)

Krishnendu Chatterjee, Luca de Alfaro and Thomas A. Henzinger

[The Complexity of Quantitative Concurrent Parity Games \(/Pubs/TechRpts/2004/5722.html\)](/Pubs/TechRpts/2004/5722.html) (CSD-04-1354)

Krishnendu Chatterjee, Luca de Alfaro and Thomas A. Henzinger

[Precise Interprocedural Analysis using Random Interpretation \(Revised version\) \(/Pubs/TechRpts/2004/6199.html\)](/Pubs/TechRpts/2004/6199.html) (CSD-04-1353)

Sumit Gulwani and George C. Necula

[BINDER: An Extrusion-based Break-In Detector for Personal Computers \(/Pubs/TechRpts/2004/6502.html\)](/Pubs/TechRpts/2004/6502.html) (CSD-04-1352)

(CSD-04-1352)

Weidong Cui, Randy H. Katz and Wai-tian Tan

[S2D2: A Framework for Scalable and Secure Optimistic Replication \(/Pubs/TechRpts/2004/5917.html\)](/Pubs/TechRpts/2004/5917.html) (CSD-04-1351)

(CSD-04-1351)

Brent ByungHoon Kang

[Software Design Patterns for TinyOS \(/Pubs/TechRpts/2004/5835.html\)](/Pubs/TechRpts/2004/5835.html) (CSD-04-1350)

David Gay, Philip Levis and David Culler

[Sensor Field Localization: A Deployment and Empirical Analysis \(/Pubs/TechRpts/2004/6501.html\)](/Pubs/TechRpts/2004/6501.html) (CSD-04-1349)

(CSD-04-1349)

Kamin Whitehouse, Fred Jiang, Chris Karlof, Alec Woo and David Culler

[Fault Attacks on Dual-Rail Encoded Systems \(/Pubs/TechRpts/2004/5258.html\)](/Pubs/TechRpts/2004/5258.html) (CSD-04-1347)

Jason D. Waddle and David A. Wagner

[LAPACK Working Note 162: The Design and Implementation of the MRRR Algorithm \(/Pubs/TechRpts/2004/5918.html\)](/Pubs/TechRpts/2004/5918.html) (CSD-04-1346)

(CSD-04-1346)

Inderjit Dhillon, Beresford N. Parlett and Christof Voemel

[Reconciling Cooperation with Confidentiality in Multi-Provider Distributed Systems \(/Pubs/TechRpts/2004/5834.html\)](/Pubs/TechRpts/2004/5834.html) (CSD-04-1345)

(CSD-04-1345)

Sridhar Machiraju and Randy H. Katz

[Error Bounds from Extra Precise Iterative Refinement \(/Pubs/TechRpts/2004/5919.html\)](/Pubs/TechRpts/2004/5919.html) (CSD-04-1344)

James W. Demmel, Yozo Hida, William Kahan, Xiaoye S. Li, Soni Mukherjee and E. Jason Riedy

[Bridging the Gap: Programming Sensor Networks with Application Specific Virtual Machines \(/Pubs/TechRpts/2004/5259.html\)](/Pubs/TechRpts/2004/5259.html) (CSD-04-1343)

(CSD-04-1343)

Philip Levis, David Gay and David Culler

[Supporting Legacy Applications over i3 \(/Pubs/TechRpts/2004/5257.html\)](/Pubs/TechRpts/2004/5257.html) (CSD-04-1342)

Jayanth Kumar Kannan, Ayumu Kubota, Karthik Lakshminarayanan, Ion Stoica and Klaus Wehrle

[Gigabit Rate Packet Pattern-Matching Using TCAM \(/Pubs/TechRpts/2004/5467.html\)](/Pubs/TechRpts/2004/5467.html) (CSD-04-1341)

Fang Yu, Randy H. Katz and T. V. Lakshman

[How Much Does Globalization Help Segmentation? \(/Pubs/TechRpts/2004/5468.html\)](/Pubs/TechRpts/2004/5468.html) (CSD-04-1340)

Charless Fowlkes and Jitendra Malik

[FREddies: DHT-Based Adaptive Query Processing via FedeRated Eddies \(/Pubs/TechRpts/2004/5466.html\)](/Pubs/TechRpts/2004/5466.html)

(CSD-04-1339)

Ryan Huebsch and Shawn Ryan Jeffery

[CrocoPat 2.1 Introduction and Reference Manual \(/Pubs/TechRpts/2004/5469.html\)](/Pubs/TechRpts/2004/5469.html) (CSD-04-1338)

Dirk Beyer and Andreas Noack

[Video Based Motion Synthesis by Splicing and Morphing \(/Pubs/TechRpts/2004/5536.html\)](/Pubs/TechRpts/2004/5536.html) (CSD-04-1337)

Greg Mori, Alex Berg, Alyosha Efros, Ashley Eden and Jitendra Malik

[Dynamically Adapting GUIs to Diverse Input Devices \(/Pubs/TechRpts/2004/5537.html\)](/Pubs/TechRpts/2004/5537.html) (CSD-04-1336)

Scott Carter, Jennifer Mankoff, Jack Li and Nick Molchanoff

[Performance Modeling and Analysis of Cache Blocking in Sparse Matrix Vector Multiply \(/Pubs/TechRpts/2004/5535.html\)](/Pubs/TechRpts/2004/5535.html)

(CSD-04-1335)

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