

Vitae: William J. Wolfe

William J. Wolfe
421 S Monroe St
San Angelo, TX 76901
805.910.6475 (cell)

William.Wolfe@csuci.edu
<http://faculty.csuci.edu/william.wolfe/homepage/>

Education:

1976	Ph. D.	Mathematics	City University of New York
1972	B. A.	Mathematics	Queens College (CUNY)
1978	6 units MS grad work	Electrical Engineering	University of Central Florida
1982	3 units MS grad work	Electrical Engineering	Colorado State University

Experience:

2012 – pres	Professor & Chair, Math and CS Angelo State	San Angelo, TX
2010 - 2012	Distinguished Visiting Professor, Comp. Sci.	USAF Academy
2004 - 2012.	Professor of Computer Science	Calif. St. Univ. Channel Islands
2004 - 2010	Chair, Computer Science	Calif. St. Univ. Channel Islands
2004 - 2010	Director, Information Technology Program	Calif. St. Univ. Channel Islands
2004 - 2006	Interim Dir. of Fac. Dev. for Tech. Initiatives	Calif. St. Univ. Channel Islands
2002 - 2003	Associate Professor Computer Science	Calif. St. Univ. Channel Islands
1988 - 2002	Associate Professor Computer Science	Univ. of Colorado at Denver
1988 - 2002	Dir. of Comp. Sci. Masters Prog. (diff. years)	Univ. of Colorado at Denver
1981 - 1988	Software Research Engineer (AI, Robotics)	Martin Marietta Denver Aero.
1976 - 1981	Commissioned Officer & Nuc. Engin. Instructor	United States Navy, Active Duty
1972 - 1976	Graduate Student/Fellow, Instructor	CUNY Grad. Center, NY, NY

Recent Projects and Presentations: (<http://faculty.csuci.edu/william.wolfe/homepage/>)

2011 Student Peer Review Systems	USAF Academy Research Seminar (ppt).
2010 Teaching with Technology	Univ of North Texas (ppt).
2008 Java Sim. for Net-Centric Systems	Grant 0128 Final Report, GBL Systems (pdf).
2008 BS Information Technology	CREATE meeting, UCSB (ppt).
2007 Perspective View of 3 Points	UC Santa Barbara Graduate Seminar (ppt).
2007 Neural Networks and Hypercubes	CSUCI Graduate Seminar (ppt).
2007 Student Peer Reviews	University of Denver (ppt).
2007 Fuzzy Hopfield Tank Neural Net	University of Denver (ppt).
2007 Fuzzy Hopfield Tank Neural Net	North Carolina A&T (ppt)
2007 Fuzzy Hopfield Tank Neural Net	IU-Purdue (Ft. Wayne) (ppt).
2007 Fuzzy Hopfield Tank Neural Net	University of Arkansas (ppt).
2006 Fuzzy Hopfield Tank Neural Net	Cal Poly San Luis Obispo Presentation (ppt).
2006 Fuzzy Hopfield Tank Applet	Java Applet, by Darrell Long (applet).
2005 Neural Networks and Hypercubes	CSUCI Graduate Seminar Presentation (ppt).
2005 Online Peer Reviews	Teaching With Technology Conference Presentation (ppt).
2005 Online Peer Reviews	WASC Workshop (ppt).
2005 Online Peer Reviews	CSU Teaching Symposium, Cal Poly (ppt).
2005 Scheduling Methods and Algorithms	Amgen Presentation (ppt).
2004 Online Peer Reviews	Teaching With Technology Conference Presentation (ppt).
2004 Classroom Scheduler	Online classroom scheduling system.

2003 Course Management System	Online course management software for all courses.
2003 Student Peer Review System	Students grading each other's work. Password: GUEST
2003 Class Scheduler	Pick classes and see schedule.
2003 Discussion Board	Discussion board for CSU international students. Password.
2003 Online Math Lab	Online Mathematics quizzes. (With Brian Howe).
2003 CREATE	Curriculum Development: BS Information Technology
2000 Travel and Dining Website	Columbine Publications.

Courses Taught (Undergraduate)

Introduction to Computing, Software Engineering, Artificial Intelligence, Robotics, Database-Driven Websites, Database Systems, Human-Computer Interaction, Computer Security, Lisp Programming, Data Structures, Discrete Math, Survey of Computer Gaming, Planning and Scheduling Algorithms.

Courses Taught (Graduate)

Artificial Intelligence, Intelligent Agents, Expert Systems, Neural Networks, Analysis of Algorithms, Automata, Programming Languages, Data Mining, Programming for Bioinformatics, Databases for Bioinformatics, Algorithms for Bioinformatics, Geometry for Computer Graphics.

Honors

- 2010 Distinguished Visiting Professor of Computer Science, USAF Academy
- 2002 Founding Faculty, California State University Channel Islands
- 1997 Teacher of the Year, CU-Denver, School of Engineering
- 1995 Summer Faculty Award, Air Force Office of Sponsored Research
- 1995 Invited Speaker, Florida State University Computer Science Colloquium
- 1994 Invited Speaker, IEEE Conference on Neural Networks
- 1994 Outstanding Teaching Faculty, CU-Denver, Dept of Computer Science
- 1986 Chair (with Wendell Chun) of SPIE International Conference on Mobile Robots
- 1990 Outstanding Faculty Award, American Electronics Association
- 1986 Keynote Speaker, Second World Conference on Robotics Research
- 1986 Service Citation, International Society of Optical Engineering
- 1986 Certificate of Appreciation, Robotics International of the SME
- 1975 Graduate Fellow, CUNY

Grants Awarded (External to University)

- 2008 "Java Simulation for Net-Centric Systems", GBL Systems Corp, \$10,100.
- 2000 "Intelligent Security System", Smart Path Corp. \$5,000.
- 1998 "Agent-Based Scheduling System", Raytheon Systems Corp. \$15,000.
- 1997 "Agent-Based Factory Scheduling", Colorado Advanced Software Institute, \$13,000.
- 1996 "Agent-Based Approach to Scheduling Systems", Hughes (HITS), \$31,000.
- 1996 "Factory Scheduling Systems", Colorado Advanced Software Institute, \$32,000.
- 1996 "Progressive Refinement", Air Force Office of Scientific Research, \$25,000.
- 1995 "Spacebased Resource Planning", Hughes (HITS), Phase III, \$32,000.
- 1995 "Expert System for Plant Variety Protection" (with W. Lodwick and J. Paul), \$10,000.
- 1994 "Spacebased Resource Planning", Hughes (HITS), Phase II, \$50,000.
- 1993 "Spacebased Resource Planning", Hughes (HITS), Phase I, \$ 6,600.
- 1992 "Intelligent Mobile Sensing System", Martin Marietta, \$ 5,500.
- 1989 "Supplier Evaluation System Software", Gates Corporation, \$ 6,000.

Grants Awarded (Internal to University)

2007 "Interdisciplinary Scientific Computing", Center Grant, \$500
2004 "Student Bartering System", Smith Faculty Innovation Grant, \$2,500
2004 "Student Portfolio Peer Review System", Faculty Innovation Grant, \$3,000.
2003 "Peer Review System", CSUCI, Faculty Innovation Grant, \$3,000.
1998 "Research Incentive Award", UCD, College of Engineering, \$ 650.
1997 "Real-Education On-Line Course Grant", UCD. \$ 5,000.
1997 "Research Incentive Award", UCD, College of Engineering, \$ 1,846.
1996 "Research Incentive Award", UCD, College of Engineering, \$ 898.
1995 "Research Incentive Award", UCD, College of Engineering, \$ 1,298.
1994 "Research Incentive Award", UCD, College of Engineering, \$ 1,381.
1988 "New Faculty Equipment Award", UCD, College of Engineering, \$ 2,200.

Equipment, Tuition, and Curriculum Grants

2005 "Bachelor of Science, Information Technology", Ext. Ed. \$60,000
2004 "Bachelor of Science, Information Technology", Ext. Ed. \$15,000
2003 "Bachelor of Science, Information Technology", Ext. Ed. \$15,000
1997 "Software Engineering Clinic", Omnis Software, Inc.: \$115,250.
1995 "Association for Unmanned Vehicle Systems", Contest Prize Money: \$ 2,000.
1993-5 "Equipment Support", Omni-Tech Robotics, Inc.: \$ 1,500.
1993 "Motorola Corporation Equipment Grant", Motorola, Inc.: \$ 4,500.

Peer Reviewed Publications

2008 Maizels, M., Wolfe, W. J., "An Expert System for Headache Diagnosis: Computerized Headache Assessment Tool (CHAT)". Headache, the Journal of Headache and Face Pain. American Headache Society, January, 2008, pp 72-78.

2004 Wolfe, W. J. "Online Student Peer Reviews", ACM SIGITE Annual Conference, 2004

2003 Wolfe, W. J. "Student Peer Reviews in an Upper Division Mathematics Class", Exchanges: The On-line Journal for Teaching and Learning in the CSU, September 3, 2003.
(http://www.calstate.edu/ITL/exchanges/classroom/1156_Wolfe.html).

2001 E. McDuffie, M. Martin-Vega, M. Schneider, E. Shnaider, W. J. Wolfe, S. Sorensen, "Scheduling Systems Techniques", Gordon Breach International Series, Volume: Computer Aided and Integrated Manufacturing Systems Techniques and Applications, C. T. Leones, Editor.

2000 Wolfe, W. J., Sorensen, S. "Three Scheduling Algorithms Applied to the Earth Observing Systems Domain." INFORMS Journal on Management Science, Vol. 46, No. 1, January 2000 pp. 148-168.

1999 Wolfe, W. J. "A Fuzzy Hopfield-Tank TSP Model." INFORMS Journal on Computing, Vol. 11, No. 4, Fall 1999 pp. 329-344.

1997 Wolfe, W. J., Ulmer, R., "Orthogonal Projections Applied to the Assignment Problem", IEEE Transactions on Neural Networks, Vol. 8, No. 3, May 1997, pp. 774 - 778.

1995 Wolfe, W. J., Rothman, J., Chang, E., Aultman, W., Ripton, G. "Harmonic Analysis of Homogeneous Networks", IEEE Transactions on Neural Networks, Vol. 6, No. 6, Nov., 1995, pp. 1365-1374.

1995 Magee, M., Hoff, W., Gatrell, L., Wolfe, W. J. "Intelligent Control of a Vision Based Spatial Reasoning System Integrated With a Robot Manipulator", Progress In Robotics And Intelligent Systems, Vol. 3, C. Y. Ho, G. W. Zobrist, editors, Ablex Publishers, pp. 262-286, 1995.

1993 Wolfe, W. J., Mac Millan, J., Brady, G., Mathews, R., Rothman, J., Mathis, D., Orosz, M., Anderson, C., Alaghband, G., "Inhibitory Grids and the Assignment Problem", IEEE Transactions on Neural Networks, Vol. 4, No.2, pp. 319-331, Mar., '93.

1991 Wolfe, W. J., Mathis, D. Anderson, C., Rothman, J., Gottler, M., Brady, G., Alaghband, G., "K-Winner Networks". IEEE Transactions on Neural Networks Vol. 2, No 2, pp. 310-315, March, 1991.

1991 Wolfe, W. J., Mathis, D., Sklair, C., Magee, M., "The Perspective View of Three Points". IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 13, No. 1, January 1991, pp. 66 - 73.

1991 Magee, M., Hoff, W., Gatrell, L., Sklair, C., Wolfe, W. J., "Employing Sensor Repositioning to Refine Spatial Reasoning in an Industrial Robotic Environment", Journal of Applied Artificial Intelligence 1, pp. 69 - 85, 1991.

1990 Magee, M., Wolfe, W. J., Mathis, D., Weber, C. "Model-Based Spatial Reasoning for Hierarchically Organized Structured Objects". Advances In Spatial Reasoning, S. S. Chen, Editor, Ablex Publishing Corporation, 1990, pp. 181-218.

1990 Magee, M., Hoff, W., Gatrell, L., Wolfe, W., "Adaptive Camera Calibration in an Industrial Robotic Environment", Proceedings of the ACM Conference on the Industrial Engineering Applications of Artificial Intelligence and Expert Systems, pp. 242 - 251.

1990 Magee, M., Hoff, W., Gatrell, L., Wolfe, W., "Integrated Planning of Robotic and Computer Vision Based Spatial Reasoning Tasks", Proceedings of the ACM Conference on the Industrial Engineering Applications of Artificial Intelligence and Expert Systems, pp. 196 - 206.

1989 Magee, M., Wolfe, W. J., Mathis, D. "Spatial Reasoning Computer Vision System". Proceedings of the IEEE Conference on Robotics and Automation, May, 1989.

1988 Magee, M., Wolfe, W. J., Bloom, B. C., "Autonomous State Determination Using Vision Based Spatial Reasoning." Cybernetics and Systems Research, R. Trappl (editor), Kluwer Academic Press, London, 1988, pp.909-916.

1979 Wolfe, W. J., "The Asymptotic Distribution of Lattice Points in Hyperbolic Space." Journal of Functional Analysis, Vol. 31, No. 3, March, 1979, pp. 333 - 340. (Note: this is a condensed version of my Ph. D. Thesis.)

Manuscript

2008 Wolfe, W. J., "A Special Case Solution to the Perspective 3-Point Problem", submitted to Transactions on Pattern Analysis and Machine Intelligence, March, 2008.

Ph. D. Thesis

1976 Wolfe, W. J., "The Asymptotic Distribution of Lattice Points in Hyperbolic Space", Ph. D. Thesis, 1976, City University of New York.

Invited Papers

1994 Wolfe, W. J., MacMillan, J., Parry, M., "Hopfield Style Neural Networks and the TSP", Invited Paper, IEEE International Conference on Neural Networks, June 28 - July 2, 1994, pp. 4577 - 4582.

1989 Wolfe, W. J. "Mobile Robots". Optical Engineering Reports, No. 67, July, 1989, pp. 1-3.

1987 Wolfe, W. J. "Mobile Robotic Systems of the Near Future." Optical Engineering Reports, No. 47, November, 1987, pp. 1-3.

Refereed by Abstract Conference Papers

1999 Wolfe, W. J., "Heuristics for Scheduling Earth Observing Systems Satellites", Earth Observing Systems IV, Denver, Colorado, July, 1999.

1999 Wolfe, W. J., "A Fuzzy Hopfield-Tank TSP Model" , IJCNN '99, Washington DC, July, 1999.

1999 Wolfe, W. J., "A Fuzzy Hopfield-Tank TSP Model", SPIE Conference on Applications and Science of Computational Intelligence II, Orlando, Florida, April, 1998.

1998 Wolfe, W. J., "A Fuzzy Neural Model", SPIE Conference on Applications and Science of Artificial Neural Networks IV, Orlando, Florida, April, 1998.

1997 Wolfe, W. J., "Comparison of Three Scheduling Algorithms", SPIE Conference on Intelligent Systems and Advanced Manufacturing, Pittsburgh, Pa., (10 pages), Oct., 1997.

1997 Wolfe, W. J., "Distributed Heuristics and the TSP", SPIE Conference on Applications and Science of Artificial Neural Networks III, Orlando, Florida, April, 1997 (10 pages, see Proceedings for page numbers).

1996 Wolfe, W. J., Ulmer, R. , "Orthogonal Projections and the Assignment Problem", IEEE Joint International Conf. on Neural Networks, Wash. DC, 3-6 June, '96, (10 pages, see Proceedings for page numbers).

1996 Wolfe, W. J., Wood, D., Sorensen, S., "Scheduling Algorithms", SPIE Conference on Advanced Sensor and Control System Interfaces, Boston, Mass., Nov., '96, (10 pages, see Proceedings for page numbers).

1995 Wolfe, W. J., "Hopfield Networks and Scheduling Problems", SPIE Conference Applications and Science of Artificial Neural Networks, Orlando, Fl., Apr., '95, pp. 315 - 322.

1994 Wolfe, W. J., "Hybrid Hopfield Networks", SPIE Intelligent Robots and Computer Vision XIII : Algorithms and Computer Vision, 31 October - 4 November, 1994, Boston, MA, (11 pages, see Proceedings for page numbers).

1994 Wolfe, W. J., "Mobile Robot Planning in Factory World", SPIE Vol. 2352, Mobile Robots IX, 31 Oct. - 4 Nov., 1994, Boston, MA, pp. 140 - 148.

1993 Wolfe, W. J., "Task Scheduling Neural Networks", SPIE Vol. 2058, SPIE International Conference on Mobile Robots VIII, 1993, Boston, MA., pp. 50 - 56.

1993 Wolfe, W. J., Gunderson, J., Walworth, M., "Computer Vision Barrel Inspection", SPIE V. 2058, Mobile Robots VIII, Boston, MA., '93, pp. 128-133.

1993 Chun, W. H., Wolfe, W. J., "Mobile Systems : Architecture to Applications", SPIE Vol. 2058, Mobile Robots VIII, Boston, Mass., 1993, pp. 178 - 188.

1992 Wolfe, W. J., Rothman, J., MacMillan, J., Chang, E., "Introduction to Homogeneous Networks", SPIE Vol. 1831, Mobile Robots VII, Boston, Mass., Nov., 1992, pp. 247 - 262.

1992 Wolfe, W. J., Chun, W. H., "Robotic Architectures and Design Paradigms", SPIE Vol. 1831, Mobile Robots VII, Boston, Mass., Nov., 1992, pp. 307 - 317.

1991 Wolfe, W. J., "A Parallel Approach to Simultaneously Solving the Correspondence Problem and the Pose Estimation Problem", SPIE Vol. 1613, Mobile Robots VI, Boston, Mass., Nov., 1991, pp. 120 - 126.

1991 Wolfe, W. J., Chun, W. H., "Supervisory Control of Mobile Robots : Architectures and Distributed Intelligence", SPIE Vol. 1613, Mobile Robots VI, Nov., 1991, pp. 103 - 117.

1990 Wolfe, W. J., Magee, M., "Fusion of Multiple Views of Multiple Reference Points Using a Parallel Distributed Processing Approach", SPIE Vol. 1383, Sensor Fusion III, Nov., 1990, (8 pages, see Proceedings for page numbers).

1990 Wolfe, W. J., Mathis, D., Anderson, C., Rothman, J., Gottler, M., Brady, G., Walker, R., Duane, G., Alaghband, G., "A Family of K-Winner Networks", SPIE Vol. 1382, Intelligent Robots and Computer Vision IX, Nov., 1990, (8 pages, see Proceedings for page numbers).

1989 Wolfe, W. J., Magee, M., Hoff, W., "Task Panel Sensing With a Movable Camera". Proceedings of the SPIE Conference on Intelligent Robots, Vol. 1193, Philadelphia, Nov. 5 -11, 1989, pp. 46 - 53.

1989 Wolfe, W. J., Alaghband, G., Mathis, D., Baxter, A., "Applications of the Connection Machine to Computer Vision". Proceedings of the SPIE Conference on Automated Inspection and High Speed Vision Architectures, Vol. 1197, Philadelphia, Nov. 5 -11, 1989, pp. 265 - 271.

1989 Wolfe, W. J., Alaghband, G., Mathis, D., "The Fusion of Voice and Video". Proceedings of the SPIE Conference on Sensor Fusion II, V. 1198, Philadelphia, Nov. 5 -11, '89, pp. 563 - 569.

1988 Wolfe, W. J., Magee, M., Mathis, D., Weber, C. "Locating Objects in 3-D From a Single Perspective View". Proceedings of the SPIE Conference on Intelligent Robots, Cambridge, Mass., Nov. 6 -11, 1988, pp. 550 - 566.

1988 Wolfe, W. J., Magee, M., Mathis, D., Weber, C. "Integration of Model-Based Computer Vision With Robot Planning". Proceedings of the SPIE Conference on Intelligent Robots, Cambridge, Mass., Nov. 6 -11, 1988, pp. 73 - 83.

1988 Wolfe, W. J., Magee, M., Mathis, D., Weber, C. "Model-Based Computer Vision Applied to Structured Objects". Proceedings of the Instrument Society of America, Houston, Oct. 19 - 20, 1988, (8 pages, see Proceedings for page numbers).

1987 Bloom, B. C., Duane, G. S., Epstein, M. A., Magee, M., Mathis, D. W., Nathan, M. J., Wolfe, W. J., (Main author : W. J. Wolfe) "Intertwining of Computer Vision and Teleoperation, "SPIE Vol. 852, Mobile Robots II, November, 1987, (8 pages, see Proceedings for page numbers).

1987 Wolfe, W. J., Duane, G. S., Nathan, M. J. "Vision Systems for Recognizing Known Objects." Proceedings of the NASA/Goddard Space Flight Center, Conference on Space Applications of Artificial Intelligence and Robotics, May 13 and 14, 1987, (7 pages, see Proceedings for page numbers).

1987 Wolfe, W. J., Raney, S. D. "Distributed Intelligence for Supervisory Control." Proceedings of the JPL Workshop on Space Telerobotics, JPL Publication 87-13, Vol. I, July 1, 1987, pp. 16 - 25.

1987 Pinson, L. J., Wolfe, W. J. "Error Analysis for a Four Reference Point Position Determination Algorithm." Proceedings of the SPIE Conference on Image Processing, Los Angeles, January, 1987, (5 pages, see Proceedings for page numbers).

1986 Wolfe, W. J. "Mobile Robotic Systems of the Near Future." SPIE Vol. 727, Mobile Robots, Cambridge, October, 1986, pp. 36 - 41.

1986 Wolfe, W. J., Jones, K. J. "Camera Calibration Using the Perspective View of a Triangle." SPIE V. 730, Automated Inspection and Measurement, Cambridge, Mass., Oct., 1986, (10 pages, see Proceedings for page numbers).

1986 Wolfe, W. J., Arensdorf, G., White, G. K. "Robotic Locating System", SPIE Vol. 726, Intelligent Robots and Computer Vision: Fifth in a Series, Cambridge, October, 1986.

1985 Wolfe, W. J., White, G. K., Pinson, L. J. "A Multisensor Robotic Locating System and the Camera Calibration Problem." SPIE, Vol. 579, Intelligent Robots and Computer Vision, September, 1985, (11 pages, see Proceedings for page numbers).

1984 Wolfe, W. J., Chun, W. H., Pinson, L. J. "Design of a Robotic Locating System", SPIE Vol. 521, Intelligent Robots and Computer Vision, Nov., 1984, (8 pages, see Proceedings for page numbers)

1984 Sanborn, J., Wolfe, W. J. "An Analytic Approach to Manipulator Path Planning." Proc. of the 1984 Conference on Intelligent Systems and Machines, April, 1984,

Other Invited Articles and Papers (not mentioned above):

1986 Jones, K. F., Wolfe, W. J. "U. C. D. Math Clinic is Enriching Curriculum: A Bridge Between Academia and Industry." SIAM News, November, 1986.

Industry Reports

2008 Wolfe, W. J., Misenhimer, M. "Java Simulation for Net-Centric Systems", Final Report, Grant 0128, Global Systems Corp.

1998 Wolfe, W. J., Bono, A. "Agent-Based Scheduling System", summary report for Hughes Information Technology Systems research grant #SG-258799SJP, Aurora, Colorado.

1997 Wolfe, W. J., Bono, A. "CASI Final Report: Progressive Refinement Approach to Planning and Scheduling", November 22, 1997.

1997 Wolfe, W. J., "Planning and Scheduling Algorithms", summary report for Hughes Information Technology Systems research grant #SG-258799SJP, Aurora, Colorado, Jan., 1997.

1997 Wolfe, W. J., "A Progressive Refinement Approach to Planning and Scheduling", Final Report for the Air Force Office of Scientific Research, AFOSR Contract # F49620-93-C-0063, Jan., 1997.

1996 Wolfe, W. J., "CASI Final Report: Next Generation Factory Planning and Scheduling Systems", Dec., 1996.

1996 Wolfe, W. J., "Earth Observing Systems (EOS) Case Study", summary report for Hughes Information Technology Systems research grant #SG-258799SJP, Aurora, Colorado, June, 1996.

1996 Wolfe, W. J., "CASI Interim Report: Next Generation Factory Planning and Scheduling Systems", March, 1996.

1995 Wolfe, W. J., Sayre, R., Bolles, J. P., Emsermann, M., "Scheduling with Distribution Criteria", summary report for Hughes Information Technology Systems research grant #SG-258799SJP, Aurora, Colorado, Nov., 1995.

1995 Wolfe, W. J., Sayre, R., Bolles, J. P., Emsermann, M., "Agent-Based Planning and Scheduling Systems", Report for Hughes Information Technology Systems, Aurora, Colorado, Research Grant # SG-258799SJP, December, 1995.

1995 Wolfe, W. J., "Evaluation of Open Architecture Machine Tool Controllers and Agile Manufacturing", Final Report for the AFOSR Summer Faculty Research Program, Wright Laboratory, Manufacturing Technology Directorate, July, 1995.

1995 Wolfe, W. J., "Evaluation of Open Architecture Machine Tool Controllers", Interim Report for the AFOSR Summer Faculty Research Program, Wright Laboratory, Manufacturing Technology Directorate, July, 1995.

1995 Wolfe, W. J., "Spacebased Resource Planning- Phase II", summary report for Hughes Information Technology Systems research grant #SG-258799SJP, Aurora, Colorado, Jan., 1995.

1994 Wolfe, W. J., "Spacebased Resource Planning - Phase I", summary report for Hughes Information Technology Systems research grant #SG-258799SJP, Aurora, Colorado, Jan., 1994.

1993 Wolfe, W. J., Gunderson, J., Walworth, M., "Computer Vision Drum Inspection", final report for Martin Marietta research grant #RI3-125753, Denver Colorado, 1993.

1988 Wolfe, W. J. "Worksite Registration for the Flight Telerobotic Servicer". Martin Marietta, July, 1988.

1987 Wolfe, W. J. "Robotic Locating System (RLS) User's Manual." Martin Marietta, MCR- 87-506, June, 1987.

1985 Chun, W. H., Wolfe, W. J., "Automated Bore Gage." Martin Marietta Idea Report, Oct, 1985.

1984 Wolfe, W. J., Depkovich, T. "Definition of Requirements and Components for a Robotic Locating System." Martin Marietta, Final Report, Contract DAAK-82-C-0225, Feb., '84.

1982 Wolfe, W. J. "Application of Closed Loop Methodology to Nuclear Signatures." Martin Marietta Technical Note, January, 1982.

1982 Wolfe, W. J. "Discrete State Space Representations for Second Order Sensor Models." Martin Marietta Technical Note, January, 1982.

1982 Wolfe, W. J. "Closed Loop Methodology Applied to an Ideal Motion Sensor." Martin Marietta Technical Note, January, 1982.

1981 Wolfe, W. J. "Motion Sensors." Martin Marietta Technical Note, December, 1981.

Univ. of Colorado at Denver, Dept. of Computer Science, Tech. Reports

1994 Wolfe, W. J., Chang, E., "Neural Network Approach to the Subset Sum Problem", University of Colorado at Denver, Computer Science Department, Technical Report TR- 40, Sept., 1994.

1992 Wolfe, W. J., MacMillan, J., Brady, G., Rothman, J., Orosz, M., "Neural Projection for the TSP", University of Colorado at Denver, Computer Science Department, Technical Report TR-24, October, 1992.

Proceedings Editor

1995 Wolfe, W. J., Chun, W. H. Proceedings of the SPIE Conference on Mobile Robots. Editor, Vol. 2591, Mobile Robots X, Philadelphia, 1995.

1994 Wolfe, W. J., Chun, W. H. Proceedings of the SPIE Conference on Mobile Robots. Editor, Vol. 2352, Mobile Robots IX, Boston, 1994.

1993 Wolfe, W. J., Chun, W. H. Proceedings of the SPIE Conference on Mobile Robots. Editor, Vol. 2058, Mobile Robots VIII, Boston, 1993.

1992 Wolfe, W. J., Chun, W. H. Proceedings of the SPIE Conference on Mobile Robots. Editor, Vol. 1831, Mobile Robots VII, Boston, 1992.

1991 Wolfe, W. J., Chun, W. H. Proceedings of the SPIE Conference on Mobile Robots. Editor, Vol. 1613, Mobile Robots VI, Boston, 1991.

1990 Wolfe, W. J., Chun, W. H. Proceedings of the SPIE Conference on Mobile Robots. Editor, Vol. 1388, Mobile Robots V, Boston, 1990.

1989 Wolfe, W. J., Chun, W. H. Proceedings of the SPIE Conference on Mobile Robots. Editor, Vol. 1195, Mobile Robots IV, Philadelphia, 1989.

1988 Wolfe, W. J., Chun, W. H. Proceedings of the SPIE Conference on Mobile Robots. Editor, Vol. 1007, Mobile Robots III, Cambridge, 1988.

1987 Wolfe, W. J., Chun, W. H. Proceedings of the SPIE Conference on Mobile Robots. Editor, Vol. 852, Mobile Robots II, Cambridge, 1987.

1986 Wolfe, W. J., Marquina, N. Proceedings of the SPIE Conference on Mobile Robots. Editor, Vol. 727, Mobile Robots, Cambridge, 1986.