

Lectures

1. Invited Lectures

- [26] *Block S-step Krylov Iterative Methods for Large Sparse Linear Systems of Equations*, National Technical University of Athens, Greece, 27 May, 2008.
- [25] *Game Theory Based Load Balanced Job Allocation in Distributed Systems*, University College Dublin, Dept. of Computer Science, 23 May, 2008.
- [24] *Game Theory Methods Applied to Wireless Communications*, Technical University of Denmark, Department of Informatics and Mathematical Modeling, Copenhagen, Denmark, 12 December, 2007.
- [23] *Implementation of Distributed Loop Scheduling Schemes on the TeraGrid*
 - [ii] ISCAS, Chinese Academy of Sciences, Beijing, China, 21 May, 2007.
 - [i] The Hong Kong University of Science and Technology, Dept of Computer Science and Engineering, Hong Kong, China, 14 May, 2007.
- [22] *Game Theory Applied to Distributed Systems*,
 - [vii] TsingHua University, Department of Computer Science, Beijing, China, 22 May, 2007.
 - [vi] University of Lund, Dept of Communication Systems, Sweden, 18 December, 2006.
 - [v] Copenhagen University, Dept of Computer Science, Denmark, 15 December, 2006.
 - [iv] University of Adelaide, Australia, Dept of Electrical and Electronic Engineering, Adelaide, Australia, 16 December, 2005.
 - [iii] Monash University, Australia, Dept of Computer Engineering, Melbourne, Australia, 9 December, 2005.

- [ii] University of Sydney, Australia, Dept of Computer Engineering, Sydney, Australia, 6 December, 2005.
 - [i] University of Bucharest, Romania, Dept of Mathematics and Computer Science, Romania, 29 June, 2005.
- [21] *Noncooperative Load Balancing in Distributed Systems*,
- [iv] University of Warwick, Dept of Computer Science, Warwick, U.K. 14 December, 2004.
 - [iii] George Washington University, Dept of Electrical Engineering, Washington D.C., 12 November, 2004.
 - [ii] Technical University of Athens, Dept of Electrical Engineering, Athens, Greece, 9 June, 2003.
 - [i] University of Southern California (Electrical and Computer Engineering), Los Angeles, California, 24 October, 2003.
- [20] *Scalable Loop Self-Scheduling Schemes for Heterogeneous Clusters*, Mathematisches Institut Der Universitat Bayreuth, Bayreuth, Germany, 12 December, 2002.
- [19] *Parallel Block s-Step Iterative Methods for Nonsymmetric Linear Systems*,
- [iii] LaRIA - Universite de Picardie - Jules Verne, AMIENS - FRANCE, 18 May, 2001.
 - [ii] Moscow State University, Moscow, Russia, 25 May, 2001.
 - [i] University of Central Florida, Orlando, Florida, March 30, 2001.
- [18] *DAE Methods and Approximate Inertial Manifolds*, Moscow State University, Moscow, Russia, July 2000.
- [17] *A Parallel Newton-Krylov Method Applied to Helicopter Aerodynamics Calculations*, IRISA Research Institute at Universite de Rennes, France, December 1999.
- [16] *Performance Evaluation of a 100-Teraflop Parallel Computer*, University of Texas San Antonio (Computer Science), San Antonio, Texas, 17 April, 1998.
- [15] *Parallel Iterative S-step Methods for Unsymmetric Linear Systems*, Illinois Institute of Technology (Computer Science), Chicago, IL, May 1998.
- [14] *Parallel Programming of Distributed Memory Machines, (Series of 10 lectures)*, National Polytechnic of Athens (Computer Engineering), Greece, May 1995.

- [13] *Iterative Methods for Solving Algebraic Systems of Equations, (Series of 10 lectures)*, University of Umea (Computer Science), Umea, Sweden, Fall 1995.
- [12] *DAE Methods and Approximate Inertial Manifolds*
 - [iii] University of Athens (Mathematics), Athens, Greece, December 1995.
 - [ii] University of Umea (Computer Science), Umea, Sweden, December 1995.
 - [i] (CWI) Research Center for Mathematics and Computer Science, Amsterdam, Holland, January 1995.
- [11] *Parallel Iterative Methods for Linear Systems of Equations,*
 - [v] Catholic University of Nijmegen (Mathematics), Nijmegen, Holland, 5 October, 1995.
 - [iv] University of Texas San Antonio (Computer Science), San Antonio, Texas, 17 March, 1995.
 - [iii] The University of Georgia (Computer Science), Athens, Georgia, April 1994.
 - [ii] Wayne State University (Computer Science), Detroit, Michigan, 25 February, 1994.
 - [i] New Jersey Institute of Technology (Computer Engineering), Newark, New Jersey, March 1993.
- [10] *Traffic Flow Simulation Through Parallel Processing,* University of Minnesota (Center for Transportation Studies), May 1992.
- [9] *On the Squared Lanczos Method for Nonsymmetric Linear Systems,* University of Minnesota (Institute of Mathematics and its Applications), May 1992.
- [8] *S-step Iterative Methods for Nonsymmetric Linear Systems,*
 - [iii] INRIA Research Institute, Paris, France, December 1991.
 - [ii] Numerical Analysis Institute, Technical University of Denmark, Copenhagen, Denmark, September 1991.
 - [i] University of Utrecht (Computer Science), Utrecht, Holland, June 1991.
- [7] *Conjugate Gradient Type Methods for Nonlinear Operator Equations,*
 - [vii] IRISA Research Institute at Universite de Rennes, France, December 1991.
 - [vi] National Polytechnic of Athens, Greece, December 1991.
 - [v] The Danish Computing Center, Copenhagen, Denmark, September 1991.

- [iv] (CWI) Research Center for Mathematics and Computer Science, Amsterdam, Holland, June 1991.
 - [iii] University of Utrecht (Mathematics), Utrecht, Holland, June 1991.
 - [ii] Catholic University of Nijmegen (Mathematics), Nijmegen, Holland, June 1991.
 - [i] University of Illinois in Chicago (Electrical and Computer Engineering), Chicago, Illinois, May 1991.
- [6] *On Squaring Krylov Subspace Iterative Methods*,
- [iv] Indiana University (Mathematics), Bloomington, Indiana, December 1990.
 - [iii] NASA RIACS, Moffett Field, California, May 1990.
 - [ii] Lawrence Livermore National Laboratory (Mathematics), Livermore, California, May 1990.
 - [i] University of Illinois (Computer Science), Urbana, Illinois, December 14, 1989.
- [5] *Parallel Lanczos-like Methods Implemented on Parallel Computers*, University of Utah (Supercomputing Institute), Salt Lake City, Utah, May 1990.
- [4] *S-step Orthomin and GMRES Implemented on Parallel Computers*, University of Utah (Supercomputing Institute), Salt Lake City, Utah, May 1990.
- [3] *Parallel Iterative Methods for Nonsymmetric Linear Systems of Equations*,
- [ii] University of Southern California (Electrical and Computer Engineering), Los Angeles, California, July 1989.
 - [i] Penn-State University (Computer Science), State College, Pennsylvania, April 1989.
- [2] *A Class of Parallel Iterative Methods Implemented on Multiprocessors*,
- [vi] Cray Research, Inc. Chipewa Falls, Wisconsin, May 1986.
 - [v] AT & T Bell Laboratory, Murray Hill, New Jersey, May 1986.
 - [iv] Michigan State University (Computer Science), East Lansing, Michigan, April 1986.
 - [iii] Ohio State University (Computer Science), Columbus, Ohio, March 1986.
 - [ii] Yale University (Computer Science), New Haven, Connecticut, April 1986.
 - [i] University of Toronto (Computer Science), Toronto, CANADA, April 1986.

- [1] *Non-linear Conjugate Gradient-like Methods Used in Stiff ODE Codes*, ICASE, NASA Langley, Virginia, March 1986.

2. Conference Lectures

- [20] *Implementation of Distributed Key Generation Algorithms using Secure Sockets*, 3rd IEEE International Symposium on Network Computing and Applications, pp. 393-398, Cambridge, MA, USA, 30 August, 2004.
- [19] *Scalable Loop Self-Scheduling Schemes for Heterogeneous Clusters*,
- [ii] In the Dagstuhl-Workshop 'Adaptivity in Parallel Scientific Computing', International Conference and Research Center for Computer Science, Schloss Dagstuhl, Wadern, Germany, 17 May, 2003.
 - [i] 4th IEEE International Conference on Cluster Computing (CLUSTER 2002), Chicago, Illinois, 24-26 September, 2002.
- [18] *A Distributed Discrete-Time Neural Network Architecture for Pattern Allocation and Control*, The IEEE International Parallel and Distributed Processing Symposium (IPDPS 2002), Fort Lauderdale, Florida, 8-11 April, 2002.
- [17] *Static Load Balancing for CFD Distributed Simulations on a Network of Workstations*, The IEEE Int'l Symp. on Network Computing & Applications, Cambridge, MA, 11-13 February, 2002.
- [16] *A Class of Distributed Self-Scheduling Schemes for Heterogeneous Clusters*, The 3rd IEEE International Conference on Cluster Computing (CLUSTER 2001), Newport Beach, California, 8-11 October, 2001.
- [15] *On the Odir Iterative Method for Nonsymmetric Indefinite Linear Systems*, SIAM Conference on Parallel Processing, Northfolk, Virginia, 13-15 March, 2001.
- [14] *The Parallelization of a Highway Traffic Flow Simulation*, (the IEEE sponsored) Seventh Symposium on the Frontiers of Massively Parallel Computation, Annapolis, Maryland, 22-25 February, 1999.
- [13] *Performance Evaluation of a 100-TeraOps Parallel System*, Proceed. of the ISCA 11th Intern. Conf. on Parallel and Distributed Computing Systems, Chicago, IL, 2-4 September, 1998.
- [12] *Adaptive buffer threshold updating for an ATM switch*, ISCC'98, The Third IEEE Symposium on Computers and Communications Athens, Greece, 30 June -2 July, 1998.

- [11] *Traffic Flow Simulation through Parallel Processing*, Transportation Research Board 75th Annual Conference, Washington, D.C., 7-11 January, 1996.
- [10] *DAE Methods and Approximate Inertial Manifolds*, SIAM 40th Anniversary Conference, Los Angeles, California, July 1992.
- [9] *Towards Efficient Implementation of the CG Method Applied to a Class of Tridiagonal Linear Systems*, Supercomputing '91, Albuquerque, New Mexico, November 1991.
- [8] *Conjugate Gradient Type Methods for Nonlinear Operator Equations*, Numerical Analysis Day in Honor of Professor Eugene Golub, University of Illinois, Urbana, Illinois, May 1991.
- [7] *Iterative Methods for Nonlinear Operator Equations*, Sixth Southeastern Approximation Theory Conference, Memphis State University, Memphis, Tennessee, March 1991.
- [6] *On Squaring Krylov Subspace Iterative Methods*,
 - [ii] Numerical Analysis Workshop, Catholic University of Nijmegen (Mathematics), Nijmegen, Holland, June 1991.
 - [i] Vienna Conference on Scientific Computing in Honor of Professor Hans Stetter's 60th Birthday, Vienna, Austria, June 1990.
- [5] *S-step Orthomin and GMRES Implemented on Parallel Computers*, Copper Mountain Conference on Iterative Methods, Copper Mountain, Colorado, April 1990.
- [4] *Krylov Subspace Iterative Methods for Nonsymmetric Indefinite Linear Systems*, Copper Mountain Conference on Iterative Methods, Copper Mountain, Colorado, April 1990.
- [3] *Parallel Iterative Methods for (Non)Symmetric (In)Definite Linear Systems of Equations*, SIAM Conference on Parallel Processing for Scientific Computing, Chicago, Illinois, December 1989.
- [2] *S-step Iterative Methods for Symmetric Linear Systems*, SIAM Conference on Linear Algebra, Madison, Wisconsin, Spring 1988.
- [1] *Non-linear Conjugate Gradient-like Methods Used in Stiff ODE Codes*, SIAM Fall meeting, Phoenix, Arizona, November 1985.