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VITA

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Education:

B.S., University of Miami, Florida, 1962 (Engineering)
M.S., University of Miami, Florida, 1964 (Mathematics)
Ph.D., University of Utah, 1966 (Mathematics)

Faculty Positions:

1998–2001	Chair, Department of Computational & Applied Mathematics, Rice University
1996–	Adjunct Professor of Computer Science, University of Houston
1992–1994	Chair, Department of Computer Science, Rice University
1989–1992	Chair, Department of Mathematical Sciences, Rice University
1988–1993	Adjunct Professor of Combinatorics and Optimization, Waterloo University
1986	Fulbright Lecturer to Argentina and Professor, University of Buenos Aires
1984–	Noah G. Harding Professor of Mathematical Sciences, Rice University

1979–1984	Professor of Mathematical Sciences, Rice University
1978–1979	Acting Director, Center for Applied Mathematics, Cornell University
1977–1979	Professor of Computer Science, Member of Graduate Faculty in Applied Mathematics and Operations Research, Cornell University
1970–1977	Associate Professor of Computer Science, Member of Graduate Faculty in Applied Mathematics and Operations Research, Cornell University
1969–1970	Visiting Assistant Professor of Computer Science, Cornell University
1968–1969	Temporary Lecturer in Computer Science, University of Essex, England
1967 (summer)	Instructor, NSF Summer Mathematics Inst., Stillman College, Tuscaloosa, Ala.
1966–1968	Assistant Professor of Mathematics, University of Utah

Offices held in Professional Organizations:

1998–2000	Vice Chair of Mathematical Programming Society
1995–1998	President of Mathematical Programming Society
1989–1992	Chair, SIAM Optimization Activity Group
1985–1988	Executive Committee, Council of the Society for Industrial and Applied Mathematics.
1985–1991	Council of the Society for Industrial and Applied Mathematics.
1988–1990	Program Committee of International Consortium for Industrial and Applied Mathematics.
1987–1997	International Program Committee of Mathematical Programming Society.
1986–1987	Co-Organizer, SIAM International Optimization Conference
1995	Organizing Committee, SIAM Annual Meeting

1980–1982	AMS-SIAM Committee on Applied Mathematics
1980–1982	Director, SIAM Second Summer Research Conference in Numerical Analysis
1979–1981	Vice Chair, ACM Special Interest Group in Numerical Mathematics
1975–1977	Board of Directors ACM Special Interest Group in Numerical Mathematics

Editorial Positions:

1999–	Editor-in-Chief and Founder, *MPS/SIAM Book Series on Optimization*
2001–	Editorial Board, *SIAM Journal on Optimization*
1989–1995	Editor-in-Chief and Founder, *SIAM Journal on Optimization*
1992–	Advisory Editor, *Mathematics of Operations Research*
1990–1995	Editorial Board *Journal for Numerical Linear Algebra with Applications.*
1986–1989	Co-Editor, *Mathematical Programming.*
1974–1989	Editorial Board of *Mathematical Programming*
1976–1984	Editorial Board of *SIAM Journal for Numerical Analysis*

Review Committees:

2000–2004	Scientific Council of Centro Internacional de Matemática, Coimbra, Portugal
1998–	Worchester Polytechnic Institute Joint Advisory Board
1996–	Applied Mathematics Center Advisory Committee, University of Florida
2000	Computer Science Review Committee, University of Houston

1998	NSF Renewal Site Visit Team to MSRI, University of California, Berkley
1997	NSF Renewal Site Visit Team to IMA, University of Minnesota
1996	Interdisciplinary Mathematics PhD Program Advisory Committee, University of Puerto Rico
1996	Chair, Computer Science Review Committee, Duke University
1995	Committee of Visitors, Lawrence Livermore Laboratory Computational Organization
1995	Committee of Visitors, University of Iowa Computer Aided Design Center
1995	Committee of Visitors, NSF Computational Mathematics Program
1992	Committee of Visitors, NSF Applied Analysis Program
1991	Computer Science Review Committee, VPI&SU
1991	External Reviewer for I.E.&O.R. Department, Columbia University
1989	Chair, Computer Science Review Committee, RPI
1988–1991	Advisory Board, Mathematical Sciences Research Institute, Cornell University
1986–1988	National Research Council Committee on Recommendations for U.S. Army Basic Scientific Research.
1985–1987	External Member, Search Committee for Clements Chair of Mathematics at Southern Methodist University.
1984–1985	External Member, Search Committee for M.D.Anderson Chair of Mathematics at University of Houston.
1982–1984	NSF Panel to evaluate proposals for Scientific Computing Research Equipment in the Mathematical Sciences
1980–1982	Selection Committee for NSF Postdoctoral Fellowships in Mathematical Sciences

1972–1975	Chair, NSF Graduate Fellowship in Applications of Mathematics Selection Committee
1971–1972	Selection Committee for NSF Graduate Fellowships in Applications of Mathematics

Internal Rice University Positions:

1989–2000	Optimization Project Director & Member, Executive Committee and Technical Steering Committee for NSF Center for Research in Parallel Computation
1989–1993	Computer Science Chair Search Committee
1986–1988	Engineering Dean Search Committee
1987–1988	Faculty Council
1987–1988	OWLNET site visit team
1986–1987	Graduate Council
1984–1986	Undergraduate Curriculum Committee
1983–1984	Self-Study Panel on Computing, Rice University
1982–1986	Associate of Jones College, Rice University
1981–1984	Provost's Committee on Computer Science, Rice University

Non-faculty Positions:

1996–1997	Sabbatical Leave from Rice: Mathematics and Engineering Analysis Group at Boeing Information Support Services
1975–1976	Sabbatical Leave from Cornell: Research Associate at National Bureau of Economic Research and at UK Atomic Energy Research Establishment, Harwell, Oxfordshire, England
1978–	Consultant, Lawrence Livermore Laboratories, Sandia Laboratories, Argonne National Laboratory, Exxon-Mobil Upstream Research, Shell Development, Dynamic Matrix Control.

1972–1985	Consultant, National Bureau of Economics Research Computer Research Center

Professional Societies:

Society for Industrial and Applied Mathematics, SIAM

Association for Computing Machinery, SIGMAP, SIGNUM

Mathematical Programming Society, MPS

American Institute of Aeronautics and Astronautics, AIAA

Ph.D. Students:

1970	Paul Boggs, Sandia National Laboratory, Livermore, California
1971	Roy P. Weber, Bellcore
1973	Ann Chen–Ting, VP Engineering, Araxsys Inc.
1974	David M. Gay, Lucent Technologies, Bell Laboratories
1976	Howell W. Mei, Consultant
1977	Robert Schnabel, University of Colorado
1978	Earl S. Marwil, E.G. & G. Idaho, Idaho Falls
1982	Vladimir Rokhlin, Yale University
1983	Richard Hathaway, Georgia Southern University (directed jointly with J.R. Thompson)
1984	David Bunch, University of California at Davis
1985	Maria Rosa Celis, Silicon Graphics Corporation (directed jointly with R.A. Tapia)
1985	Edward Dean, University of Houston (directed jointly with R.A. Tapia)
1985	Teresa Parks, Senior Research Scientist, Rice University (directed jointly with R.A. Tapia)
1985	Daniel J. Woods, Silicon Graphics Corporation

1986	Quangye Li, Silicon Graphics Corporation
1986	Richard G. Carter, Stoner Associates, Houston, Texas
1987	Mohammedi El Hallabi, Ecole Hassamia de Travaux Publics, Casablanca, Morocco (directed jointly with R.A. Tapia)
1987	Kathryn Turner, Utah State University
1988	Hector J. Martinez, Universidad del Valle, Cali, Columbia (directed jointly with R.A. Tapia)
1988	Mahmoud El–Alem, Alexandria University, Egypt (directed jointly with R.A. Tapia)
1989	Virginia J. Torczon, College of William & Mary
1990	Karen A. Williamson, Consultant
1991	Zhijin Wu, Iowa State University
1991	Kurt Overley, Compaq Computer Co.
1991	Shou Bai Li, Houston Community College (directed jointly with R.A. Tapia)
1991	Marcos Raydan, Universidad Central de Venezuela (directed jointly with R.A. Tapia)
1992	Cristina Maciel, University De La Plata, Argentina
1993	Natalia Alexandrov, NASA Langley Research Center
1996	Luis Vicente, University of Coimbra, Portugal
1997	Indraneel Das, Level(3) Communications
1997	Gwyneth Owen, ILOG Corporation
1999	David Serafini, Knight Financial Products LLC
2001	Erica Zimmer Klampfl, Ford Motor Company
2002	Major Mark Abramson, USAF, expected