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EDUCATION

- Ph.D. Management Science, McGill University, Montreal, Canada 2002.
Thesis advisor: Professor Jean-Louis Goffin.
M.S. Applied Mathematics, Sharif University of Technology, Tehran, Iran 1996.
B.Sc. Applied Mathematics, Shiraz University, Shiraz, Iran, 1993.

PROFESSIONAL POSITIONS

- 2007 – present *Associate Professor*, Department of Information Systems and Operations Management (ISOM), College of Business Administration, California State University San Marcos
2002 – 2007 *Assistant Professor*, Department of High Technology Management (HTM), College of Business Administration, California State University San Marcos
2000 – 2002 *Instructor*, MBA and BCOM programs, Faculty of Management, McGill University, Montreal, Canada
1997 – 2002 *Teaching / Research Assistant*, Faculty of Management, McGill University, Montreal, Canada
1993 – 1995 *Instructor and Teaching Assistant*, Department of Mathematical Sciences, Sharif University of Technology, Tehran, Iran.

RESEARCH INTERESTS

Large Scale Optimization
Interior Point Methods
Column generation techniques
Semidefinite and Conic Programming
Nondifferentiable Optimization.

TEACHING

MBA Courses:

Statistics (BA 615): <http://courses.csusm.edu/ba615mo>
Managerial Model Building: <http://courses.csusm.edu/ba669mo>
Management Decision Analysis: <http://courses.csusm.edu/bga501mo>
Data, Models, and Decisions (McGill University)

Undergraduate Courses:

Decision models: <http://courses.csusm.edu/htm406mo>
Business Statistics: <http://courses.csusm.edu/bus304mo>
Data Analysis – Hybrid version (WebCT6)
Operations Management: <http://courses.csusm.edu/htm305mo>
Operations Research (Bcom Program, McGill University)

PUBLICATIONS

1. Katta G. Murty and Mohammad R. Oskoorouchi, "Note on implementing the new sphere method for LP using matrix inversions sparingly", **Optimization Letters**, Vol. 3, No. 1, 2009, pp. 137 – 160.
2. M. R. Oskoorouchi and John E. Mitchell, "A second-order cone cutting surface method: complexity and applications", **Computational Optimization and Applications**, forthcoming.
3. M. R. Oskoorouchi and J.-L. Goffin, "A matrix generation approach for eigenvalue optimization", **Mathematical Programming**, Vol. 109, No. 1, 2007, pp. 155 – 179.
4. M. R. Oskoorouchi and J.-L. Goffin, "An interior point cutting plane method for convex feasibility problem with second-order cone inequalities", **Mathematics of Operations Research**, Vol. 30, No. 1, February 2005, pp. 127 – 149.
5. M. R. Oskoorouchi and J.-L. Goffin, "The Analytic Center Cutting Plane Method with Semidefinite Cuts", **SIAM Journal on Optimization**, Vol. 13, No. 4, 2003, pp. 1029 – 1053.

MANUSCRIPTS UNDER REVIEW

6. An interior point constraint generation method for semi-infinite linear programming, with H. Ghaffari and T. Terlaky.
7. Sphere methods for LP, with Katta G. Murty.

MANUSCRIPTS IN PREPARATION

8. A cutting plane algorithm for semi-infinite programming with second-order cone constraints.
9. On improvement of the Sphere method, with Katta G. Murty
10. On complexity analysis of a cutting plane method for semi-infinite programming.

CONFERENCE PRESENTATIONS

AdvOL (Advanced Optimization Laboratory), McMaster University, Hamilton, Canada July 2008.
INFORMS Annual Meeting (2000, 2002, 2003, 2004, 2005, 2006, 2007, 2008)
SIAM Conference on Optimization (2002, 2005)
International Symposium on Mathematical Programming (2000, 2003)
International Conference on Continuous Optimization (2004)
CORS/INFORMS meeting (2004)
Southern California OR Day (2003)
McMaster Optimization Conference (2001)
Novel Approach to Hard Discrete Optimization Conference (2001)
Graduate Industrial Mathematical Modeling Camp (2000)
Optimization Days (2000).

HONORS

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| 2002 | Dean's Honor List , Doctoral Dissertation, McGill University, Montreal, Canada. |
| 1995 | First rank : among graduate students in Applied Mathematics, Department of Mathematical Sciences, Sharif University of Technology, Tehran, Iran |
| 1993 | First rank : among over 1000 applicants in a nationwide admission test for graduate studies in applied mathematics, conducted in February 1993 in Iran. |

GRANTS AND AWARDS

1. University Professional Development/Research, Scholarship and Creative Activity Grant, California State University San Marcos, 2003 – 2004, 2004 – 2005, 2005 – 2006, 2008 (special call), 2008 – 2009.
2. Markstein Faculty Fellowship Award, California State University San Marcos, 2004 – 2005.
3. Fonds pour la formation de chercheurs et l'aide à la recherche (Fonds FCAR), a granting agency of the Québec government, Summer 2000.
4. McGill University, McGill Major Fellowship for academic years 1999 – 2001.
5. McGill University, research assistantship and differential tuition fee waiver, 1997 – 2002.
6. Sharif University of Technology, research/teaching assistantship, 1993 – 1996.

SERVICE

System – Level Committees

2006 – 2009 CSU – Entry Level Mathematics Committee (member)

University – Level Committees

2005 – 2008 Academic Senate (CoBA rep and APC rep)

2005 – 2007 Chair, Academic Policy Committee

2005 – 2007 Executive Committee (APC rep)

2004 – 2008 Academic Policy Committee (CoBA rep)

College – Level Committees

2007 – 2009 MBA Committee (At Large)

2002 – 2004 MBA Committee (department rep)

2002 – 2004 MBA Admission Subcommittee (Member)

2002 – 2003 Senior Experience Advisory Board (Member)

Department – Level Committees

2005 – 2006 OM Recruitment Committee (Member)

2004 – present Course Coordinator of Business Statistics and Decision Models

Professional Service

- Editorial Board: International Journal of Operations Research and Information Systems – Listed in the Cabell's Directory Refereed Publications (an AACSB standard) and indexed in Science Direct (forthcoming 2010).
- Program Co-Chair: INFORMS Annual Meeting 2009, San Diego.
- Tutorial Chair: INFORMS Annual Meeting 2009, San Diego.
- Cluster Chair: Large-Scale optimization, INFORMS 2009 San Diego
- Referee: Mathematical Programming, Journal of Applied Mathematics and Decision Sciences, Journal of Optimization: Theory and Applications, Computational Optimization and Applications, Mathematics of Operations Research, SIAM Journal on Optimization.

REFERENCES

Dr. Tamás Terlaky, Professor
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Lehigh University
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Dr. David Avis, Professor
School of Computer Science
McGill University
Phone: (514) 398-3737
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Dr. John Mitchell, Professor
Mathematical Sciences
Rensselaer Polytechnic Institute (RPI)
Phone: (518) 276-6915
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Dr. Katta G. Murty, Professor
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The University of Michigan
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