

BRIEF CURRICULUM VITAE

Jianzhong Zhang, Jason, Professor, October 2012

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Qualifications

PhD in Operations Research, University of Texas at Austin, USA, 1984.

Main Career

Professor and Head, Dept. of Mathematics, Shanghai Normal Univ., 1985-1988.

Visiting Professor, California State University, Northridge, USA, 1988-1989.

Distinguished Visiting Professor, George Washington University, USA, 1989-1990.

Associate Professor, Professor (since 1997) and Head (96-02), Dept. of Mathematics, City Univ. of Hong Kong, Hong Kong, 1990-2006.

Adjunct Professor, The Chinese University of Hong Kong, 2005-2006.

Visiting Professor, The Chinese University of Hong Kong, 2006-2007.

Professor, BJNU-HKBU United International College, 2007 -

Main Duties for Professional Service

Vice Chairman (98-06), The Mathematical Programming Society of China.

Standing Committee Member (00-08), The Operations Research Society of China.

Associate Editor, Operations Research Transaction (until 2008).

Honorable Editor, Operations Research Transaction.

Associate Editor, Acta Mathematicae Applicatae Sinica (until 2007).

Editorial Board Member, Optimization Methods and Software.

Editorial Board Member, Pacific Journal of Optimization.

Award

Second Class Natural Science Award, issued by the Ministry of Education, China, 2006. (Order: Xiu N., Zhang J., Wang Y., and Wang C.)

Research Interests

Computational Optimization, Operations Research

10 Representative Publications

1. Zhang J., Kim N. and Lasdon L., An Improved Successive Linear Programming Algorithm, Management Science, 31(1985), 1012-1031.

2. Zhang J. and Brockett P., Quadratic Constrained Information Theoretical Analysis, SIAM J. Applied Mathematics, 47(1987), 871-886.

3. Zhang J. and Zhu D., A Bilevel Programming Method for Pipe Network Optimization, SIAM J. Optimization, 6(1996), 838-857.

4. Zhang J. and Xu C., A Class of Indefinite Dogleg Path Methods for Unconstrained Minimization, SIAM J. Optimization, 9(1999), 646-667.

5. Zhang J. and Xiu N., Global S-type Error Bound for the Extended Linear Complementarity Problem and Applications, Mathematical Programming, 88(2000), 391-410.

6. Zhang J., Chen L. and Deng N., A Family of Scaled Factorized Broyden-like Methods for Nonlinear Least Squares Problems, SIAM J. Optimization, 10(2000), 1163-1179.

7. Zhang J. and Xiu N., New Projection-type Methods for Monotone LCP with Finite Termination, Numerische Mathematik, 92(2002), 179-195.

8. Burkard R., Pleschitschnig C. and Zhang J., The Inverse 1-Median Problem on a Cycle, Discrete Optimization, 5(2008), 242-253. (this paper won *Top Cited Article 2007-2011* award of the journal)

9. Zhang J. and Zhang L., An Augmented Lagrangian Method for a Class of Inverse Quadratic Programming Problems, Applied Mathematics and Optimization, 57(2010), 57-83.

10. Zhang J., Jian J. and Tang C., Inverse Problems and Solution Methods for a Class of Nonlinear Complementarity Problems, Computational Optimization and Applications, 49(2011), 271-297.

Total Number of Paper Publications 157.