

## RESEARCH OUTPUTS 2013 - 2014

### Research book or monograph

- 1 SUN,Jianguo and **ZHAO,Xingqiu**, Statistical Analysis of Panel Count Data. 1st Ed, Vol. 80, Springer New York, New York, NY, 271pp (2013) ISBN 978-1-4614-8714-2(print), 978-1-4614-8715-9(electronic)
- 2 WU,Mixia and **LIU,CHUNLING**, **多元统计分析**. 1st Ed, **科学出版社, 北京**, 212pp (2014) ISBN 9787030404961(print), 9787030404961(electronic)

### Chapter in an edited book

- 3 LI,Chi-Kwong, POON,Yiu-Tung and **SZE,NUNG-SING**, "Operator Quantum Error Correction". In Hogben, Leslie, Ed., Handbook of Linear Algebra, Second Edition, Chapman and Hall/CRC, USA, pp.751 (Nov 2013) ISBN 9781466507289(print)

### Publication in refereed journal

- 4 ALZER,Horst and **KWONG,M.K.**, "A subadditive property of the error function". Proceedings of the American Mathematical Society, Vol. 142, pp.2697-2704 (Apr 2014) ISSN 0002-9939(print)
- 5 AMSTER,Pablo, **KWONG,M.K.** and ROGERS,Colin, "A Painlevé II model in two-ion electrodiffusion with radiation boundary conditions". Nonlinear Analysis: Real World Applications, Vol. 16, pp.120-131 (2014) ISSN 1468-1218(print)
- 6 BI,Chunjia, **LIN,YANPING** and YANG,Min, "Finite volume element method for monotone nonlinear elliptic problems". Numerical Methods for Partial Differential Equations, Vol. 29, No. 4, pp.1097-1120 (Oct 2013) ISSN 0749159X(print) (<http://doi.wiley.com/10.1002/num.21747>)
- 7 BIAN,wei and **CHEN,XIAOJUN**, "Neural network for nonsmooth, nonconvex constrained minimization via smooth approximation". IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS, Vol. 25, No. 3, pp.545-556 (Mar 2014) ISSN 2162-237X(print)
- 8 BIAN,Wei and **CHEN,XIAOJUN**, "Worst-case Complexity of Smoothing Quadratic Regularization Methods for non-Lipschitzian Optimization". SIAM JOURNAL ON OPTIMIZATION, Vol. 23, No. 3, pp.1718-1741 (2013) ISSN 1052-6234(print)
- 9 CAI,Zhenning, FAN,Yuwei, LI,Ruo and **QIAO,ZHONGHUA**, "Dimension-Reduced Hyperbolic Moment Method for the Boltzmann Equation with BGK-Type Collision". Communications in Computational Physics, Vol. 15, No. 5, pp.1368-1406 (May 2014) ISSN 1815-2406(print)
- 10 **CHAN,C.K.**, **LEE,Y.C.E.** and CAMPBELL,James, F., "Environmental Performance - Impacts of Vendor-buyer Coordination". International Journal of Production Economics, Vol. 145, pp.683-695 (Oct 2013) ISSN 0925-5273(print)
- 11 CHAN,Kit Yan, NORDHOLM,Sven, LOW,Siow Yong, YONG,Pei Chee and **YIU,K.F.C.**, "A Hybrid Descent Method for Optimal Sigmoid Filter Design". IEEE Signal Processing Letters, Vol. 21, No. 4, pp.478-482 (Apr 2014) ISSN 1070-9908(print), 1558-2361(electronic) (<http://ieeexplore.ieee.org/lpdocs/epic03/wrapper.htm?arnumber=6728670>)
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- 14 CHANG,Kungching, **QI,L.Q.** and ZHANG,Tan, "A survey on the spectral theory of nonnegative tensors". Numerical Linear Algebra with Applications, Vol. 20, No. 6, pp.891-912 (Dec 2013) ISSN 1070-5325(print), 1099-1506(electronic)
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