

## RESEARCH OUTPUTS 2010 - 2011

### Chapter in an edited book

- 1 LIU, A, **LIU, C** and YU, K.F. " Group-Sequential Methods in Biomedical Research ". In Samuel Kotz, ed., *Encyclopedia of Statistical Sciences 2nd*, Wiley, John Wiley & Sons, NC, US, pp.XXXX (2010) ISBN 978-0-471-1667193 (DOI:10.1002/0471667196.ess7128)

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- 2 AN, CONG PEI, **CHEN, X.J.**, **SLOAN, IAN.H** and WOMERSLEY, ROBERT S. " Well conditioned spherical designs for integration and interpolation on the two-sphere ". *SIAM J.Numer. Anal*, Vol. 48, No. 6, pp.2137-2157 (2010)
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- 4 CATRAL, M., KIRKLAND, S.J., NEUMANN, M. and **SZE, NUNG SING** " The Kemeny Constant for Finite Homogeneous Ergodic Markov Chains ". *JOURNAL OF SCIENTIFIC COMPUTING*, Vol. 45, No. 1-3, pp.151-166 (2010)
- 5 **CHAN, CHI KIN**, **LEE, Y.C.E.** and GOYAL, S.K. " A delayed payment method in co-ordinating a single-vendor multi-buyer supply chain ". *Int. J. Production Economics*, Vol. 127, pp.95-102 (2010)
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- 12 **CHEN, X.J.**, WOMERSLEY, R and YE, J " Minimizing the Condition number of a Gram Matrix ". *SIAM J. Optimization*, Vol. 21, No. 1, pp.127-148 (2011)
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- 34 **IP, W.C.**, **ZHANG, L, WONG, HEUNG** and **XIA, J.** " Multi-scale variability and trends of precipitation in North China ". *WATER RESOURCES*, Vol. 38, No. 1, pp.18-28 (2011)
- 35 **KHAN, YASIR** and **AUSTIN, FRANCIS** " Application of the Laplace Decomposition Method to Nonlinear Homogeneous and Non-Homogenous Advection Equations ". *ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES*, Vol. 65, No. 10, pp.849-853 (2010)
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- 39 **LI, L.K.**, **SHAO, S.** and **YIU, K.F.C.** " Nonlinear dynamical system modeling via recurrent neural networks and a weighted state space search algorithm ". *JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION*, Vol. 7, No. 2, pp.385-400 (2011)
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