

Friday, April 13, 2005

Morning Session Chaired by Tin-Yau Tam

09:30 – 10:15 Raymond H. Chan, The Chinese University of Hong Kong
*The Equivalence of Half-Quadratic Minimization and the
Gradient Linearization Iteration*

10:15 – 11:00 Zheng-Jian Bai, Xiamen University
*A Smoothing Newton Method for Structured Inverse
Quadratic Eigenvalue Problems*

Break

11:15 – 12:00 Li Qiu, The Hong Kong University of Science and
Technology
From Singular Values to Canonical Angles

12:00 – 12:45 Chi-Kwong Li, The College of William and Mary
*Canonical Forms, Higher Rank Numerical Ranges, Totally
Isotropic Subspaces, and Matrix Equations*

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Afternoon Session Chaired by Chi-Kwong Li

14:15 – 15:00 You'an Cao, Xiangtan University
Representations of the Symplectic Rook Monoid

15:00 – 15:45 Ngai-Ching Wong, National Sun Yat-sen University
*Conditions Ensuring Maps of Standard Operator Algebras
Being Automorphisms*

Break

16:00 – 16:45 Zhong-Zhi Bai, Chinese Academy of Sciences
To Be Announced

16:45 – 17:30 Michael K. Ng, Hong Kong Baptist University
Sparse Matrices in Superresolution Imaging

Saturday, April 14, 2005

Morning Session Chaired by Jor-Ting Chan

10:00 – 10:45 Yimin Wei, Fudan University
Some Recent Results on the Drazin Inverse

10:45 – 11:15 Tin-Yau Tam, Auburn University
On Four Sets of Scalars Associated with a Nonsingular Matrix

Break

11:30 – 12:15 Wing-Keung Wong, National University of Singapore
On the Estimation of Cost of Capital and its Reliability