Conference Programme

Dec 27, 2013（Friday）

Time	Venue: New Lehu Building 乐乎新楼
Whole day	Registration
17:00-19:00	Dinner(Ermei Building 3F, 尔美楼 3 楼)

Note: Banquet on occasion of Professor Er-xiong Jiang's 80th birthday at 18:00-20:00 on Dec 28. (Yixin Building 3F, 益新楼 3 楼)

Dec 28, 2013 (Saturday)

Time	New Lehu Buildin, Xuehai Hall 乐乎新楼,学海厅	
	Speaker\Title	Chair
07:10-08:10	Breakfast (Venue: New Lehu Building 乐乎新楼)	
08:30-09:00	**Opening ceremony**	**Qing-Wen Wang**
09:00-09:20	Photo-taking	
09:20-10:00	**Chi-Kwong Li** College of William & Mary, USA *Generalized numerical ranges and their applications* [21]	**Tin-Yau Tam**
10:00-10:35	**Tin-Yau Tam** Auburn University, USA *Recent matrix asymptotic results and their Lie counterparts* [24]	**Edgar Pereira**
10:35-10:50	Tea Break (Venue: Hall 大厅)	
10:50-11:25	**Musheng Wei** Shanghai Normal University, China *A New Structure-Preserving Method for Quaternion Hermitian Eigenvalue Problems* [24]	**Benqi Guo**
11:25-12:00	**Yiu-Tung Poon** Iowa State University, USA *Spectral Inequalities and Quantum Marginal Problems* [22]	**Mikio Nakahara**
12:00-13:30	Lunch (Yixin Building 3F, 益新楼 3 楼)	

Dec 28, 2013（Saturday）

Time	Venuea A:**New Lehu Building,Shanghai Hall** 乐乎新楼 上善厅		Venuea B:**New Lehu Building,Haina Hall** 乐乎新楼 海纳厅	
	Speaker\Title	Chair	Speaker\Title	Chair
13:30-13:55	**Jianzhou Liu** Xiangtan University, China *The Schur Complements of Block Diagonally Dominant Matrices and Their Disc Separation* [30]	**Guoliang Chen**	**Mikio Nakahara** Kinki University, Japan *Quantum Error Correction with Mixed State Ancilla Qubits* [31]	**Fang Li**
13:55-14:20	**Yun-feng Cai** Peking University,China *A Polynomial Eigenproblem Approach for General Joint Block Diagonalization* [26]	**Guoliang Chen**	**Nung-Sing Sze** Polytechic University, HongKong *Determinantal and eigenvalue inequalities for matrices with numerical ranges in a sector* [32]	**Fang Li**
14:20-14:45	**Ting-Zhu Huang** University of Electronic Science and Technology of China, China *Deblurring and sparse unmixing for hyperspectral images* [28]	**Guoliang Chen**	**Shang-Jun Yang** Anhui University, China *The general solution for a symmetric stochastic inverse eigenvalue problem* [37]	**Fang Li**
14:45-15:00	**Zheng-Jian Bai** Xiamen University, China *Alternating Direction Method of Multipliers for Inverse Eigenvalue Problems* [26]	**Guoliang Chen**	**XingZhi Zhan** East China Normal University, China *Inverse invariant zero-nonzero patterns* [39]	**Fang Li**
15:00-15:25	Tea Break（Venue: Hall 大厅）			

15:25-15:50	**Chuan-Long Wang** Taiyuan Normal University, China *Parallel Multisplitting Two-stage Iterative Methods with General Weighting Matrices for Non-Hermitian Positive Definite Systems* [33]	**Rui-Ping Wen**	**Li-Ping Huang** Changsha University of Science and Technology, China *Graph isomorphisms and Jordan isomorphisms for Hermitian matrices over simple Artinian rings* [28]	**Chuanqing Gu**
15:50-16:15	**Bing Zheng** Lanzhou University, China *The Semi-convergence of Uzawa-type iterative methods for Solving Singular Saddle Point Problems* [40]	**Rui-Ping Wen**	**Changqing Xu** Suzhou University of Science and Technology, China *Completely Positive Matrices whose cpranks equal ranks* [35]	**Chuanqing Gu**
16:15-16:35	**Guangjing Song** Weifang University, China *Research on some classical systems of matrix equations with applications* [41]	**Rui-Ping Wen**	**Naimin Zhang** Wenzhou University, China *Learning algorithm with momentum and its applications* [41]	**Chuanqing Gu**
16:35-16:55	**Zhuo-Heng He** Shanghai University, China *A pair of generalized Sylvester matrix Equations* [40]	**Rui-Ping Wen**	**Qiang Niu** Xi'an Jiaotong-Liverpool University, China *A Relaxed Dimensional Factorization preconditioner for the incompressible Navier-Stokes equations* [40]	**Chuanqing Gu**
18:00-20:00	**Banquet on occasion of Professor Er-xiong Jiang's 80th birthday** (Yixin Building 3F)			**Chuanqing Gu**

Dec 29, 2013 (Sunday)

Time	New Lehu Buildin, Xuehai Hall 乐乎新楼,学海厅	
	Speaker\Title	Chair
07:10-08:10	Breakfast (Venue: New Lehu Building 乐乎新楼)	
08:30-09:05	**Liqun Qi** The Hong Kong Polytechnic University, Hong Kong *Hankel Tensors and Circular Tensors* [22]	**Yimin Wei**
09:05-09:40	**Mohammad Sal Moslehian** Ferdowsi University of Mashhad, Iran *Operator Inequalities of Löwner–Heinz Type* [21]	**Yang Zhang**
09:40-10:15	**Zhenyue Zhang** Zhejiang University, China *Moving Convex Hulls for Sparse Recovery* [25]	**XingZhi Zhan**
10:15-10:30	Tea Break (Venue: Hall 大厅)	
10:30-11:05	**Zhong-Zhi Bai** Chinese Academy of Sciences, China *Block Alternating Splitting Implicit Iteration Methods for Saddle Point Problems from Time-Harmonic Eddy Current Models* [21]	**Linzhang Lu**
11:05-11:40	**Yangfeng Su** Fudan University, China *A Backward Stable Algorithm for Quadratic Eigenvalue Problems* [23]	**Musheng Wei**
11:40-13:30	Lunch (Yixin Building 3F, 益新楼 3 楼)	

Dec 29, 2013（Sunday）

Time	Venuea A:**New Lehu Building,Shanghai Hall** 乐乎新楼 上善厅		Venuea B:**New Lehu Building,Haina Hall** 乐乎新楼 海纳厅	
	Speaker\Title	Chair	Speaker\Title	Chair
13:30-13:55	**Yang Zhang** The University of Manitoba, Canada *Computing Popov Forms of Matrices over Ore Domains* [39]	**Fuan Li**	**Edgar Pereira** Federal University of Rio Grande do Norte, Brazil *Spectral data and solvent theory for regular matrix polynomials* [32]	**Zheng-Jian Bai**
13:55-14:20	**Fang Li** Zhejiang University,China *Cluster algebras and some matrices with certain positivity* [29]	**Fuan Li**	**Weiguo Gao** Fudan University, China *Variational deflation for nonlinear eigenvalue problem in resonant tunneling diodes* [27]	**Zheng-Jian Bai**
14:20-14:45	**Changjiang Bu** Haerbin Engineering University, China *The inverse, rank and product of tensors* [26]	**Fuan Li**	**JunGong Xue** Fudan University, China *Complex nonsymmetric algebraic Riccati equation and its application in stochastic fluid flow models* [36]	**Zheng-Jian Bai**
14:45-15:00	Tea Break（Venue: Hall 大厅）			

15:00-15:25	**Xiao-Dong Zhang** Shanghai Jiao Tong University, China *The algebraic connectivity of graphs* [39]	**Yimin Wei**	**Wen Li** South China Normal University, China *The Theory and Numerical Analysis for the Limiting Probability Vector of a Transition Probability Tensor* [30]	**Changqing Xu**
15:25-15:50	**Qingxiang Xu** Shanghai Normal University, China Some remarks on the representation of the Drazin inverse [36]	**Yimin Wei**	**Wei-guo Wang** Ocean University of China, China *ADDA and Deflation Technique for M-matrix Algebraic Riccati Equations* [33]	**Changqing Xu**
15:50-16:15	**Lianggui Feng** National University of Defense Technology, China *Zeros of two-sided quadratic quaternion polynomials* [27]	**Yimin Wei**	**Rui-Ping Wen** Taiyuan Normal University, China *Parallel Multisplitting Iteration Methods Based on Optimization for Linear Systems* [34]	**Changqing Xu**
16:15-16:40	**Xiaoji Liu** Guangxi University for Nationalities, China *Some Results of Condition Number of Drazin inverse* [31]	**Yimin Wei**	**Tiexiang Li** Southeast University,China *Efficient Arnoldi-type Methods for Quadratic and Rational Eigenvalue Problems* [29]	**Changqing Xu**
17:00-19:00	Dinner(Ermei Building 3F, 尔美楼 3 楼)			