

Ma0 2009 “矩陣與算子研討會” 議程

會場：高雄市 [中山大學應用數學系](#) [理 3001 教室](#)

2009. 7. 3 (星期五 Friday)

9:00-9:25 報到及註冊

9:25-9:30 開幕式 (chair: 姚任之)

9:30-10:00 演講者：[Mau-Hsiang Shih 施茂祥 \(Taiwan\)](#) (chair: 黃毅青)
Labelling neural matrix and collective dynamics;

10:00-10:30 演講者：[Jinchuan Hou 侯晉川 \(China\)](#) (chair: 黃毅青)
Characterizations of derivations on prime rings: additive maps derivable at an idempotent;

10:30-10:45 休息;

10:45-11:15 演講者：[Tin Yau Tam 譚天祐 \(USA\)](#) (chair: 林欽誠)
Generalized numerical ranges and multiplicities;

11:15-11:45 演講者：[Bit-Shuu Tam 譚必信 \(Taiwan\)](#) (chair: 林欽誠)
Maximizing spectral radius of signless Laplacian matrix;

11:45-12:15 演講者：[Chao-Liang Shen 沈昭亮 \(Taiwan\)](#) (chair: 林欽誠)
Nonselfadjoint operators, invariant subspaces, and inverse Sturm-Liouville problems;

12:15-12:30 團體照 Group photograph (會場 at the venue)

12:30-14:00 午餐

14:00-14:30 演講者：[Kong Chan 陳鋼 \(Hong Kong\)](#) (chair: 吳培元)
Numerical range diameter preserving maps on C^ -algebras*

14:30-15:00 演講者：[Ying-Fen Lin 林英芬 \(Taiwan\)](#) (chair: 吳培元)
Completely bounded disjointness preserving operators on the Fourier algebras

15:00-15:30 演講者：[Mu-Ming Wong 王牧民 \(Taiwan\)](#) (chair: 吳培元)
Some problems in the classification of algebraic elements in a C^ -algebra*

15:30-15:45 休息

15:45-16:15 演講者：[Chang-Pao Chen 陳璋泡 \(Taiwan\)](#) (chair: 林來居)
Lower bounds of copson type for lower triangular matrices;

16:15-16:45 演講者：[Denny H. Leung 梁浩瀚 \(Singapore\)](#) (chair: 林來居)
Khintchine's inequality for Walsh functions

16:45-17:00 休息

17:00-17:30 演講者：[Chin-Cheng Lin 林欽誠 \(Taiwan\)](#) (chair: 林來居)
A fundamental principle for the boundedness of operators on weighted Hardy spaces

17:30-18:00 演講者：[Hwa-Long Gau 高華隆 \(Taiwan\)](#) (chair: 林來居)
Higher-rank numerical ranges and unitary dilations: the infinite-dimensional case.

19:00- 晚宴 Banquet ([漢王飯店 Kingship Hotel](#))

2009. 7. 4 (星期六 Saturday)

- 9:00-9:30 演講者：[Pei-Yuan Wu 吳培元 \(Taiwan\)](#) (chair: 李志光)
Numerical ranges of radial Toeplitz operators on Bergman space.
- 9:30-10:00 演講者：[Guang-gui DING 定光桂 \(China\)](#) (chair: 李志光)
On isometric extension problem between two unit spheres;
- 10:00-10:30 演講者：[Yiu Tung Poon 潘耀東 \(USA\)](#) (chair: 李志光)
Quantum error correction and generalized numerical ranges;
- 10:30-10:45 休息;
- 10:45-11:15 演講者：[Jor-Ting Chan 陳作庭 \(Hong Kong\)](#) (chair: 賴漢卿)
Separating maps of the Bochner space $L^p(\mu, H)$.
- 11:15-11:45 演講者：[Wai-Shun Cheung 張偉信 \(Hong Kong\)](#) (chair: 賴漢卿)
Inclusion Relation among generalized numerical ranges
- 11:45-11:50 休息;
- 11:50-12:20 演講者：[Sen-Hua Lan 藍森華 \(China\)](#) (chair: 定光桂)
Fractional integral operators on weighted anisotropic H_p and L_p spaces
- 12:20-12:50 演講者：[江惠坤教授 \(China\)](#) (chair: 定光桂)
Generalization of Hausdorff Dimension of Fractal Sets
- 12:50-14:00 午餐
- 14:00-14:30 演講者：[Chi-Wai Leung 梁子威 \(Hong Kong\)](#) (chair: 陳作庭)
Orthogonality Relations on Domains in Compact Symmetric Spaces.
- 14:30-15:00 演講者：[Chi-Kueng Ng 吳志強 \(China\)](#) (chair: 陳作庭)
Partially defined matrix orderings on subspaces of $L(H)$;
- 15:00-15:30 演講者：[Raymond Nung-Sing Sze 施能聖 \(USA\)](#) (chair: 陳作庭)
The Kemeny constant for finite homogeneous ergodic Markov chains.
- 15:30-15:45 休息
- 15:45-16:15 演講者：[Wei-Shih Du 杜威仕 \(Taiwan\)](#) (chair: 侯晉川)
From an abstract maximal element principle to optimization problems, stationary point theorems and common fixed point theorems
- 16:15-16:45 演講者：[Hang-Chin Lai 賴漢卿 \(Taiwan\)](#) (chair: 侯晉川)
Canonical Characterization of Multiplier Operators.
- 16:45-17:15 演講者：[Chi-Kwong Li 李志光 \(USA\)](#) (chair: 侯晉川)
Sum of unitary orbits of operators;
- 17:15-17:30 閉幕式 (chair: 李志光)