

Department of Mathematics  
The Chinese University of Hong Kong  
香港中文大學數學系



## Workshop on Functional Analysis and Optimization Theory

In Honour of Professor K.F. Ng  
as a Celebration of His Retirement

泛函分析及優選論會議  
— 慶祝吳恭孚教授榮休

December 14 – 15, 2006

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All interested are welcome!

歡迎有興趣人士參加!

# **Workshop on Functional Analysis and Optimization Theory**

## **In Honour of Professor K.F. Ng as a Celebration of His Retirement**

Date: Thursday, December 14

Venue: Rm. 241, Lady Shaw Building, CUHK

### **Morning Session**

9:30 – 10:10

Huang, Liren: Some topics in optimization

10:10 – 10:30

Coffee break

10:30 – 11:10

Tan, Lulin: Variational inequalities problems

11:20 – 12:00

Liu, Chun Guang: Ekeland's variational principle for set-valued functions

### **Afternoon Session**

2:00 – 2:40

Yang, Wei Hong: Error bounds for convex polynomials

2:50 – 3:30

He, Yiran: Error bounds for degenerate problems

3:30 – 3:50

Coffee break

3:50 – 4:30

Law, Chun Kong: Inverse nodal problems for nonlinear Sturm-Liouville equations

4:40 – 5:20

Zheng, Xiyin: Subregularity for multifunctions in Banach Spaces

# **Workshop on Functional Analysis and Optimization Theory**

## **In Honour of Professor K.F. Ng as a Celebration of His Retirement**

Date: Friday, December 15

Venue: Rm. 241, Lady Shaw Building, CUHK

### **Morning Session**

9:30 – 10:10

Li, Chong: Constraint qualifications for convex inequality systems with applications in constrained optimizations

10:10 – 10:30

Coffee break

10:30 – 11:10

Ngai, Sze-man: Spectral dimension of fractal Laplacians defined by iterated function systems with overlaps

11:20 – 12:00

Zang, Rui: Generalized E-convexity and some related topics

Start at 6:30

Conference Dinner

Venue: Maxim's Palace, New Town Plaza, Shatin