2009 最優化理論與應用小型研討會(1)

2009 Mini Workshop on Optimization (1)

Department of Mathematics
National Taiwan Normal University
February 6, 2009

● **Speakers & Titles**

1. **Prof. Sangho Kum, Chungbuk National University, Korea.**

   Title: *On the best proximity and Nash equilibrium*

2. **Prof. Gue Myung Lee, Pukyong National University, Korea.**

   Title: *Stability of a class of quadratic programs with a conic constraint*

3. **Prof. Yongdo Lim, Kyungpook National University, Korea.**

   Title: *Invariant metrics and Riccati differential equations on symmetric cones*

4. **Prof. Jein-Shan Chen(陳界山)，台灣師大數學系.**

   Title: *SOC-functions and their applications*

5. **Prof. Chun-Hsu Ko(柯春旭)，義守大學電機系.**

   Title: *A globally convergent semismooth Newton method for engineering optimal control problems*

● **Sponsors**

國家理論科學研究中心數學組（臺北辦公室）
臺灣師範大學數學系

● **Organizer**

Jein-Shan Chen (陳界山)，E-Mail: jschen@math.ntnu.edu.tw

● **Place & Time**

台北市文山區汀州路四段八十八號台灣師大數學系 M210
9:10 – 13:50, February 6 (Friday), 2009.

2009 Mini Workshop on Optimization (1)
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Program

09:10 – 09:50 **Prof. Gue Myung Lee**

Stability of a class of quadratic programs with a conic constraint

10:00 – 10:40 **Prof. Yongdo Lim**

Invariant metrics and Riccati differential equations on symmetric cones

10:50 – 11:30 **Prof. Sangho Kum**

On the best proximity and Nash equilibrium

11:40 – 12:20 **Prof. Chun-Hsu Ko**

A globally convergent semismooth Newton method for engineering optimal control problems

12:20 – 13:10 **Lunch**

13:10 – 13:50 **Prof. Jein-Shan Chen**

SOC-functions and their applications