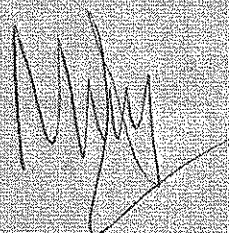


HANOI INSTITUTE OF MATHEMATICS UNIVERSITY OF DALAT
PUKYONG NATIONAL UNIVERSITY

The 8th Vietnam – Korea Workshop

**MATHEMATICAL OPTIMIZATION
THEORY AND APPLICATIONS**

Dalat City, December 08 - 10, 2011

A handwritten signature in black ink, appearing to be 'Myung', is located to the right of the date.

Hanoi, 2011

Section 2:

Chairman: Prof. Hoang Xuan Phu

8:30 – 9:00 Il Hyo Jung (Invited talk): *An Integrated Pest Management Model in an Agro-Ecosystem: A Mathematical Approach*

9:00 – 9:30 Tran Hung Thao (Invited talk), Nguyen Tien Dung: *A practical approach to fractional analysis for finance*

9:30 – 9:55 Pham Canh Duong, Le Thanh Hue: *New restoration method for damaged data base of films and pictures*

9:55 – 10:20 Tran Loc Hung: *Approximation Weierstrass Theorem via a random-sum approach*

10:20 – 10:35 Coffee break

Chairman: Yong-Hoon Lee

10:35 – 11:05 Pham Tien Son, Ha Huy Vui (Invited talk): *Global optimization of polynomials using the truncated tangency variety and sums of squares*

11:05 – 11:35 Nguyen Nang Tam (Invited talk): *On the existence of optimal solutions for quadratically constrained nonconvex quadratic programs*

11:35 – 12:00 Moon Hee Kim, Gwi Soo Kim, Gue Myung Lee: *Examples for ϵ -Optimality Conditions for Multiobjective Fractional Optimization Problems*

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New restoration method for damaged data base of films and pictures

Le Thanh Hue¹, Pham Canh Duong²

Abstract: We introduce a new algorithm which restores colour for old films and photos. The algorithm is based on the affine colour fading model initiated by R. Gschwind va F. Frey trong and also based on a new prosposed multi-colour scheme in the colour space RGB.

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