

PROGRAMME

SYMPOSIUM ON MATHEMATICAL EDUCATION

Venue New Lecture Theatre 1, University of Singapore

Monday 30 May

Morning

8.15-9.00

Registration

9.00-9.30

Opening Ceremony

Welcome Address

Professor K. K. Sen, President

Silver Jubilee Address

Mr. Chan Kai Yau, Vice-President

9.30-10.30

Invited Lecture

Chairman: Professor K. K. Sen

Mr. Lim Nai Tian: "Mathematical Education in  
Singapore"

10.30-11.00

Refreshments

11.00-12.30

Discussion Workshops

Afternoon

Free

Tuesday 31 May

Morning

9.00-9.30

Mathematical Competition Awards

Presented by Professor K. K. Sen, President

Report by Dr. Chong Chi Tat, Hon. Secretary

9.30-10.30

Chairman: Professor P. H. Diananda

Professor Teh Hoon Heng: "Are your students  
mathematically gifted?"

10.30-11.00

Refreshments

11.00-12.30

Discussion Workshops

MATHEMATICAL COLLOQUIUM

Venue New Lecture Theatre 2, University of Singapore

Tuesday 31 May

Afternoon

2.00-3.00

Survey Talk

Chairman: Chew Kim Lin

P. H. Diananda: "Some cyclic inequalities"

3.00-3.30

Refreshments

3.30-4.30

Short Talks

Chairman: M. J. Wicks

- (1) C. C. Chen: "Representation of numbers by cascades"
- (2) S. J. Wilson: "Numerical solution of a two-point boundary problem using splines"
- (3) L. Y. H. Yap: "Convolution functions on compact Abelian groups"

Wednesday 1 June

Public Holiday

Thursday 2 June

Morning

9.30-10.30

Survey Talk

Chairman: Peng Tsu Ann

K. L. Chew: "Recent advances in ring theory"

10.30-11.00

Refreshments

11.00-12.00

Short Talks

Chairman: Chan Kai Meng

- (1) Ng How Ngee: "Representation of linear nilpotent groups of class two"
- (2) M. J. Wicks: "A presentation of a group"

Afternoon

2.00-3.00

Short Talks

Chairman: L. H. Y. Chen

- (1) H. P. Yap: "On a conjecture of Ervin Fried"
- (2) Peng Tsu Ann: "The hypercentre of a finite group"
- (3) N. K. Loh: "Design of disturbance absorbing controllers for linear stochastic systems"

3.00-3.30 Refreshments

Friday 3 June

Morning

9.30-10.30 Survey Talk

Chairman: Abdul Razak bin Salleh

- K. K. Sen: "Weighted residual methods and variational techniques in the solution of differential equations"

10.30-11.00 Refreshments

11.00-12.00 Short Talks

Chairman: Ng How Ngee

- (1) L. H. Y. Chen: "An integral equation with a probabilistic application"
- (2) Chong Chi Tat: "The minimal  $\alpha$ -degree problem"
- (3) Abdul Razak bin Salleh: "The fundamental groupoid of a space associated with a cover"

Afternoon

2.00-3.00 Short Talks

Chairman: Chong Chi Tat

- (1) Y. K. Leong: "The linear automorphisms of certain linear groups"
- (2) Cheng Kai Nah: "A characterisation of finite simple groups with a component isomorphic to  $PSL_3(4)$ "
- (3) Quek Tong Seng: "Multipliers from  $L_1$  to a Banach  $L_1$ -module"

3.00-3.30

Refreshments

3.30-4.30

Short Talks

Chairman: Y. K. Leong

- (1) S. T. L. Choy: "A convolution algebra of operators"
- (2) Alfredo Villanueva: "A tabular algorithm for finding the partial quotients of continued fractions equivalent to  $y = \sqrt{N}$ "