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 α-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 $\text{PSL}_3(4)$"
(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 $y = \sqrt{N}$"