were: (i)Open University, (ii)Pythagoras' Theorem and (iii)Logic and Computer.

On 6 August, Professor J.N. Kapur addressed the Society on "Mathematical models in social sciences". Professor Kapur is Vice-chancellor of Meerut University, India.

On 28 August, Dr. Y.L. Yeow of the University of Singapore gave a lecture on "A fluid mechanical model of the film casting process".

On 25 September, Dr. M.J. Wicks of the University of Singapore spoke to the Society on "Mathematics of the Millions".

Professor D.D. Ang of the University of Saigon delivered a lecture on "Banach Manifolds" on 5 October. Professor Ang was visiting Nanyang University under the ASAIHL academic exchange scheme.

On 26 October, Dr. K.M. Chan of the University of Singapore gave a lecture on "Three Classical limits".

FORTHCOMING MEETINGS

The speakers for forthcoming meetings are:

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Dr. K.L. Chew of the Department of Mathematics,
Nanyang University (for November);

Dr. T.A. Peng of the Department of Mathematics, University of Singapore (for December);

Dr. S.J. Wilson of the Department of Mathematics,
University of Singapore (for January).

PERSONAL ITEMS

- 1. Dr. Chang Boon Chong, a graduate of Nanyang University and University of Toronto, Canada has joined the University of Singapore as Lecturer in Mathematics.
- 2. Dr. Lam Lay Yong has been appointed a council member of the Institute of Education.

- 3. Mr. Lim Kay Yeek has recently been re-elected Chairman of the Postal and Telecommunications Co-operative Thrift and Loan Society, Ltd.
- 4. Mr. Lim Nai Tian has been appointed Principal of Hwa Chong Junior College.
- 5. Mr. Loh Wei Yin was awarded the 1973 Singapore Mational Academy of Science Shield for Mathematics.
- 6. Mr. Ng Kok Lip has been appointed a Board Member of the Singapore Science Centre and a Council Member of the Singapore National Academy of Science.
- 7. Dr. Peng "su Ann spent his sabbatical leave at the University of Warwick, England from October 1972 to July 1973.
- 8. Assoc. Professor K.K.Sen has been appointed a Council Member of the Southeast Asian Mathematical Society to represent Singapore from May 1973 to December 1974.
- 9. Mr. Tjio Kay Loen of Overseas Chinese Banking Corporation has been promoted to Asst. General Manager of the Bank.

 He has also been appointed a Council Member of the International Forex Club.
- 10. Dr. M.J. Wicks attended the Second International Conference on the Theory of Groups at the Australian National University, Canberra from 13 to 24 August. He also participated as a Ph.D. viva examiner.
- 11. Dr. S.J. Wilson is now spending his leave at the University of Warwick, England.
- 12. Dr. Leonard Yap gave a series of six lectures at the Seminar on the Teaching of Modern Mathematics.

The following members have been promoted under the recent promotion exercise conducted by the Ministry of Education:

Mrs.Chan Tock Choo Mr. Thomas Chee Soon Min Mr. Chew Shin Khiong
Mrs. Chia Kim Lien
Mr. Chong Kim Meng
Mr. Chong Kim Sing
Miss Kan Sch Tin
Mr. Kwong Lup Peng
Mrs. Carmee Lim
Mr. Ling Chew Sing
Mr. S. Puhaindran
Mr. Tan Chek Sian
Mrs. May Tsao

"The special value of mathematics to biology lies not in its use as a (computational) tool but in its power to abstract and thus lay bare fundamental problems and the relations between superficially distinct entities and processes" -- Edward F. Moore

IN-OUT TABLE OF SET THEORY AND TRUTH TABLE OF SYMBOLIC LOGIC

T. H. Kho Raffles Institution

In symbolic logic, let p, q be two propositions which may be true or false. The Truth Table for the propositions p, q, p or q (p \vee q), p and q (p \wedge q). not p(\vee p) is constructed as follows:

Table 1 /

p	g	bAa	bVa	αν
1	1	1	1	0
1	0	1	0	0
0	1	1	0	1
0	0	0	0	1

l denotes 'the proposition is true' and O denotes 'the proposition is false'.

In set theory, let A, B be two sets and a certain object is either in a set or not in a set. An In-Out Table for the