

## PROCEEDINGS AT THE 825TH GENERAL MEETING

The 825th General Meeting of the Academy was held on Thursday, January 12, 1989, at 1:00 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Ninety-seven members were present, and the following communications were made:

- God as a fiction . . . . . Saburo KURUSU, M. J. A.  
 On the contribution of Tokuzo Fukuda to the development of Japanese  
 economics . . . . . Hideo AOYAMA, M. J. A.  
 Nonlinear eigenvalue problem  $\Delta u + \lambda e^u = 0$  on simply connected domains  
 in  $R^2$  . . . . . Takashi SUZUKI and Ken'ichi NAGASAKI  
 Admissible solutions of higher order differential equations . . . . .  
 . . . . . Katsuya ISHIZAKI  
 Sums of a certain class of  $q$ -series . . . . . H. M. SRIVASTAVA  
 Invariant spherical distributions of discrete series on real semisimple  
 symmetric spaces  $G_C/G_R$  . . . . . Shigeru SANŌ  
 On the total variation of argument  $f(z)$  whose derivative has a positive  
 real part . . . . . Mamoru NUNOKAWA  
 Above five, communicated by Kōsaku YOSIDA, M. J. A.  
 An *in vitro* system involving the Tn $\beta$  transposase that catalyzes the  
 formation of DNA deletions . . . . .  
 . . . . . Masayuki MORITA and Yoshinobu SUGINO  
 Communicated by Motoo KIMURA, M. J. A.  
 On the inequalities of Erdős-Turán and Berry-Esseen. II . . . . .  
 . . . . . Petko D. PRINOV  
 Iwasawa theoretical residue formulas for algebraic tori . . . . .  
 . . . . . Masanori MORISHITA  
 Minimal quasi-ideals in abstract affine near-rings . . . . Iwao YAKABE  
 Above three, communicated by Shokichi IYANAGA, M. J. A.  
 Configuration of divisors and reflexive sheaves . . . Nobuo SASAKURA  
 Communicated by Kunihiko KODAIRA, M. J. A.  
 Analysis of dementia syndrome with X-CT, MRI, and PET . . . . .  
 . . . . . Taiju MATSUZAWA  
 Communicated by Takashi SUGIMURA, M. J. A.

Before the communication of papers the Chairmen of each Section introduced the following newly elected members:

Section I: Rizo TAKEUCHI, Kunio ODAKA, Masami TOBARI, Ryuichi HIRANO.

Section II: Minoru ODA, Syun-iti AKIMOTO, Takashi NAKADA, Ryukiti HASIGUTI, Sakae YAMAMURA, Yoshiaki ARATA, Reiji NATORI.

After a recess during which the members present met in their respective Sections the General Meeting was resumed for business transactions.

First, the Chairmen of both Sections made reports of the matters dealt with at the respective Sectional Meetings.

Then, the President made a report on the activities of the Academy in 1988.

The Meeting adjourned at 4:45 p.m.



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