

## PROCEEDINGS AT THE 815TH GENERAL MEETING

The 815th General Meeting of the Academy was held on Tuesday, December 12, 1988, at 1:05 p.m., Dr. Toshio KUROKAWA, President, taking the chair. Ninety-eight members were present, and the following communications were made:

- On religious service for ancestors . . . . Tomohei TANIGUCHI, M. J. A.  
 Business management in Japan from one perspective . . . . .  
 . . . . . Keiichiro NAKAGAWA, M. J. A.  
 Lifting of local subdifferentiations and elliptic boundary value problems  
 on symmetric domains. I . . Takashi SUZUKI and Ken'ichi NAGASAKI  
 Radial non-positive solutions for nonlinear equation  $\Delta u + |x|^p |u|^{p-1} u = 0$   
 on the ball . . . . . Ken'ichi NAGASAKI  
 On the first eigenvalue of some quasilinear elliptic equations . . . . .  
 . . . . . Mitsuharu ÔTANI and Toshiaki TESHIMA  
 Index and flow of weights of factors of type III . . . . .  
 . . . . . Toshihiro HAMACHI and Hideki KOSAKI  
 Characterization of the eigenfunctions in the singularly perturbed do-  
 main. II . . . . . Shuichi JIMBO  
 A new class of analytic functions associated with the Ruscheweyh de-  
 rivatives . . . H. M. SRIVASTAVA, Shigeyoshi OWA, and O. P. AHUJA  
 Above six, communicated by Kôzaku YOSIDA, M. J. A.  
 Parabolic components of zeta functions . . . . Nobushige KUROKAWA  
 Complex analytic compactifications of  $C^3$  . . . . Mikio FURUSHIMA  
 Above two, communicated by Kunihiko KODAIRA, M. J. A.  
 Wide-spread polymorphism of a tandem duplication in the region of the  
 glycerol-3-phosphate dehydrogenase gene in *Drosophila melanogaster*  
 . . . . . Akihiko KOGA, Shinichi KUSAKABE,  
 Fumio TAJIMA, Ko HARADA, Glenn C. BEWLEY, and Terumi MUKAI  
 Communicated by Motoo KIMURA, M. J. A.  
 On the Erdős-Turán inequality on uniform distribution. I . . . . .  
 . . . . . Petko D. PROINOV  
 Communicated by Shokichi IYANAGA, M. J. A.  
 Isolation of native gizzard gamma-actin . . . . .  
 . . . . . Masaaki KURODA and Tomoh MASAKI  
 ATP formation in aerobic catabolism of ethanol by oral streptococci  
 . . . . . Kazuhiro FUKUI, Keijiro KATO, Takao  
 KODAMA, Hiroyuki OHTA, Tatsuya SHIMAMOTO, and Tsutomu SHIMONO  
 Above two, communicated by Setsuro EBASHI, M. J. A.  
 The Silurian cephalopods and trilobites from the Yokokurayama forma-  
 tion, Shikoku, Japan . . . . . Teichi KOBAYASHI, M. J. A.  
 The Silurian trilobites in Japan . . . . . Teichi KOBAYASHI, M. J. A.

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

Section I: Akio ABE

Section II: Chusiro HAYASHI, Shunzo OKAMOTO, Kei ARIMA, Man-emon TAKAHASHI, Hideo NISHIMURA, Takao FUSAYAMA, Tamio YAMAKAWA.

After a recess during which the members present met in their