

## PROCEEDINGS AT THE 772ND GENERAL MEETING

The 772nd General Meeting of the Academy was held on Wednesday, October 12, 1983, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety members were present, and the following communications were made:

The main problem of modern biblical and theological studies . . . .  
 . . . . . Masao SEKINE, M. J. A.  
 A reflexion on the so-called "matured society" . . . . .  
 . . . . . Kazuo OKOCHI, M. J. A.  
 Microlocal study of sheaves. I. Contact transformations . . . . .  
 . . . . . Masaki KASHIWARA and Pierre SCHAPIRA  
 Microlocal study of sheaves. II. Constructible sheaves . . . . .  
 . . . . . Masaki KASHIWARA and Pierre SCHAPIRA  
 On pluri-genera and mixed Hodge structures of isolated singularities  
 . . . . . Shihoko ISHII

Above three, communicated by Heisuke HIRONAKA, M. J. A.  
 On a question posed by Huckaba-Papick. II . . . . Ryûki MATSUDA  
 A note on  $\Gamma$ -ring . . . . . Bhavanari SATYANARAYANA  
 Signature of quaternionic Kaehler manifolds . . . . .  
 . . . . . Tadashi NAGANO and Masaru TAKEUCHI  
 On certain cubic fields. IV . . . . . Mutsuo WATABE  
 Construction of certain real quadratic fields . . . Tsuyoshi UEHARA

Above five, communicated by Shokichi IYANAGA, M. J. A.  
 On poles of the rational solution of the Toda equation of Painlevé-II  
 type . . . . . Yoshinori KAMETAKA  
 Non-uniqueness in the Cauchy problem for partial differential operators  
 with multiple characteristics. II . . . . . Shizuo NAKANE  
 Boundedness of singular integral operators of Calderón type . . .  
 . . . . . Takafumi MURAI  
 Boolean valued analysis and type I  $AW^*$ -algebras . . Masanao OZAWA  
 A truncated cube functional equation . . . . . Shigeru HARUKI  
 An approach by difference to a quasi-linear parabolic equation . . .  
 . . . . . Michiaki WATANABE

Above six, communicated by Kôzaku YOSIDA, M. J. A.  
 A note on the approximate functional equation for  $\zeta^2(s)$  . . . . .  
 . . . . . Yoichi MOTOHASHI  
 The Gauss map in models . . . . . Hiroo MATSUDA  
 On compact Kähler manifolds of constant scalar curvature . . . .  
 . . . . . Akito FUTAKI

Equivariant annulus theorem for 3-manifolds . . Tsuyoshi KOBAYASHI

Above four, communicated by Kunihiro KODAIRA, M. J. A.  
 Cytogenetic studies of *Hynobiidae* (Urodela). II. Banding Karyotype  
 of *Hynobius tokyoensis* Tago . . . . .  
 . . . . . Sei-ichi KOHNO, Tatsumi OHASHI, and Chikako IKEBE  
 Geographic and chromosomal polymorphisms in the Iwana (*Salvelinus*  
*leucomaenis*) . . . . . Takayoshi UEDA and Yoshio OJIMA  
 Rate of offspring with chromosome aberrations in the black and Norway