

PROCEEDINGS AT THE 861ST GENERAL MEETING

The 861st General Meeting of the Academy was held on Monday, September 14, 1992, at 1:00 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Eighty-seven members were present, and the following communications were made:

- “Dokyo” (Taoism) in Japanese ancient history Rizo TAKEUCHI, M. J. A.
 The implications of “Bunmei” and “Dokuritsu” in the writings of Fukuzawa
 Yukichi Masao MARUYAMA, M. J. A.
 Contiguity relations for q -hypergeometric function and related quantum group
 Eiji HORIKAWA
 Analytic Zariski Decomposition Hajime TSUJI
 Equilibrium vector potentials in R^3 Hiroshi YAMAGUCHI
 Product formula for twisted MacPherson classes
 Michal Kwiecinski and Shoji YOKURA
 Some remarks on the fifth Painlevé equation on the positive real axis
 Shun SHIMOMURA
 Above five, communicated by Kunihiko KODAIRA, M. J. A.
 Épaissement d’une hypersurface algébrique réelle Michel COSTE
 Communicated by Heisuke HIRONAKA, M. J. A.
 Majorizations and quasi-subordinations for certain analytic functions
 Osamu ALTINTAS and Shigeyoshi OWA
 Singular variation of domain and eigenvalues of the Laplacian with the third
 boundary condition Shin OZAWA and Susumu ROPPONGI
 Extension of Jones’ projections Atsushi SAKURAMOTO
 The variance of the single point range of two dimensional recurrent random walk
 Yuji HAMANA
 Above four, communicated by Kiyosi ITÔ, M. J. A.
 On a problem of dinaburg and Sinai Akio FUJII
 The generalized divisor problem in arithmetic progressions Hideki NAKAYA
 Description of sequences defined by billiards in the cube
 Iekata SHIOKAWA and Jun-ichi TAMURA
 A note on the irrationality of certain infinite series Masao TOYOIZUMI
 On the π -adic theory. Galois cohomology Yuichiro TAGUCHI
 Asymptotic expansions of the mean square of Dirichlet L -functions
 Masanori KATSURADA
 Above six, communicated by Shokichi IYANAGA, M. J. A.
 Major factors governing growth in pea epicotyl segments: The cell wall mechanical
 property, the osmotic potential and solute movement in the apoplast
 Ryoichi YAMAMOTO and Naoki SAKURAI
 Communicated by Noburô KAMIYA, M. J. A.
 Immunohistochemical localization of major gangliosides in rat cerebellum
 Masaharu
 KOTANI, Ikuo KAWASHIMA, Hideki OZAWA, Toshio TERASHIMA, and Tadashi TAI
 Communicated by Tamio YAMAKAWA, M. J. A.
 Proto-oncogene *ret* has cadherin-like repeats in the extracellular region
 Kei-ichi KUMA, Takashi MIYATA, and Masatoshi TAKEICHI
 Communicated by Motoo KIMURA, M. J. A.
 Diamond recovered from shocked fullerenes Toshimori SEKINE
 Communicated by Syun-iti AKIMOTO, M. J. A.